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L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2001:763323 HCAPLUS
 DOCUMENT NUMBER: 135:315598
 TITLE: Methods for proteomic analysis using activity based probes for target proteins
 INVENTOR(S): Cravatt, Benjamin F.; Sorensen, Erik; Patricelli, Matthew; Lovato, Martha; Adam, Gregory
 PATENT ASSIGNEE(S): Scripps Research Institute, USA
 SOURCE: PCT Int. Appl., 119 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| WO 2001077684 | A2 | 20011018 | WO 2000-US34187 | 20001215 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002045194 | A1 | 20020418 | US 2000-738954 | 20001215 |
| EP 1275006 | A2 | 20030115 | EP 2000-990226 | 20001215 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| US 2002040275 | A1 | 20020404 | US 2001-836148 | 20010416 |
| US 2002064799 | A1 | 20020530 | US 2001-836145 | 20010416 |
| US 2002182652 | A1 | 20021205 | US 2002-158498 | 20020529 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2000-195954P | P 20000410 |
| | | | US 2000-212891P | P 20000620 |
| | | | US 2000-222532P | P 20000802 |
| | | | US 2000-738271 | A1 20001215 |
| | | | US 2000-738954 | A1 20001215 |
| | | | WO 2000-US34187 | W 20001215 |

OTHER SOURCE(S): MARPAT 135:315598

AB The present invention provides methods for analyzing proteomes, as cells or lysates. The anal. is based on the use of probes that have specificity to the active form of proteins, particularly enzymes and receptors. The probes can be identified in different ways. In accordance with the present invention, a method is provided for generating and screening compd. libraries that are used for the identification of lead mols., and for the parallel identification of their biol. targets. By appending specific functionalities and/or groups to one or more binding moieties, the reactive functionalities gain binding affinity and specificity for particular proteins and classes of proteins. Such libraries of candidate compds., referred to herein as activity-based probes, or ABPs, are used to screen for one or more desired biol. activities or target proteins.

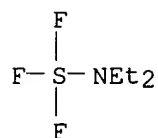
IT 38078-09-0, (Diethylamino)sulfur trifluoride

RL: RCT (Reactant); RACT (Reactant or reagent)

(DAST; methods for proteomic anal. using activity based probes for target proteins)

RN 38078-09-0 HCAPLUS

CN Sulfur, (N-ethylethanaminato)trifluoro-, (T-4)- (9CI) (CA INDEX NAME)



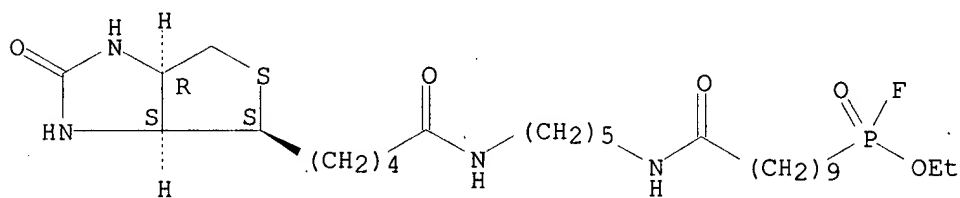
IT 259270-28-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (FP-biotin; methods for proteomic anal. using activity based probes for target proteins)

RN 259270-28-5 HCAPLUS

CN Phosphonofluoridic acid, [10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

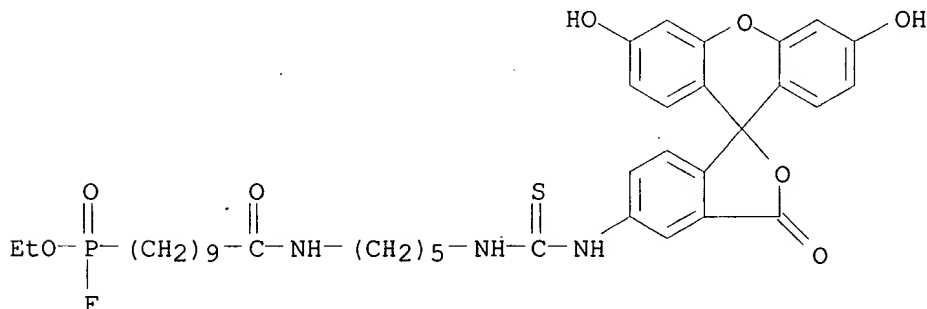


IT 259270-29-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (FP-fluorescein; methods for proteomic anal. using activity based probes for target proteins)

RN 259270-29-6 HCAPLUS

CN Phosphonofluoridic acid, [10-[[5-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)



IT 9028-86-8, Aldehyde dehydrogenase

RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
 (cytosolic class I; methods for proteomic anal. using activity based

probes for target proteins)
 RN 9028-86-8 HCAPLUS
 CN Dehydrogenase, aldehyde (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 9027-41-2, Hydrolase
 RL: ANT (Analyte); CAT (Catalyst use); PRP (Properties); ANST (Analytical study); USES (Uses)
 (methods for proteomic anal. using activity based probes for target proteins)

RN 9027-41-2 HCAPLUS
 CN Hydrolase (9CI) (CA INDEX NAME)

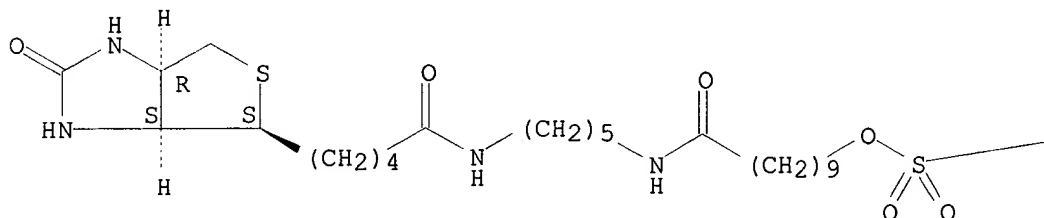
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 342792-23-8P 342792-24-9P 342792-25-0P
 342792-26-1P 342792-27-2P 367480-61-3P
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 (methods for proteomic anal. using activity based probes for target proteins)

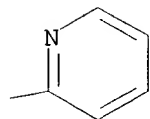
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Absolute stereochemistry.

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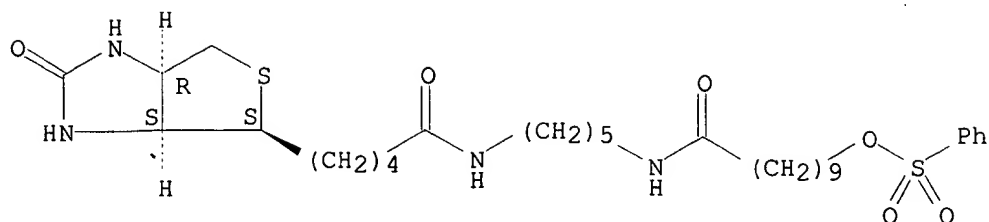


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RN 342792-18-1 HCAPLUS
 CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-2-oxo-N-[5-[[1-oxo-10-[(phenylsulfonyl)oxy]decyl]amino]pentyl]-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

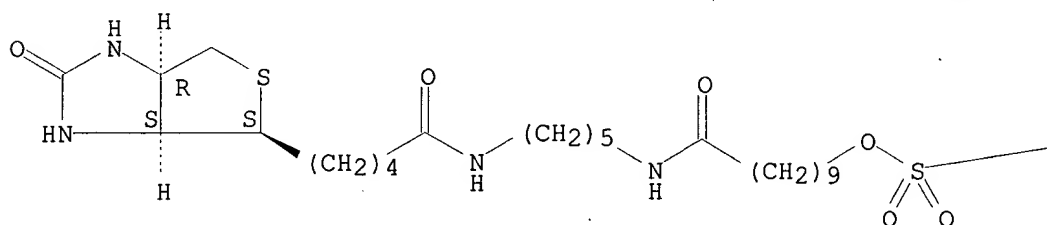


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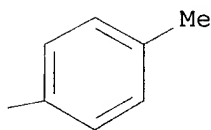
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[[[4-methylphenyl)sulfonyl]oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

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PAGE 1-B

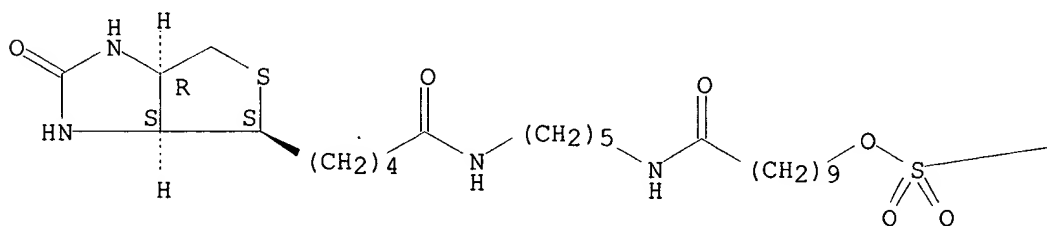


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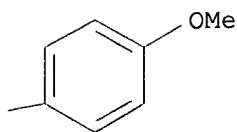
CN Benzenesulfonic acid, 4-methoxy-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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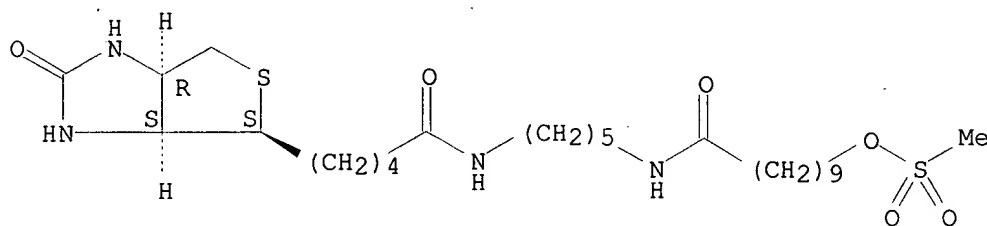
PAGE 1-B



RN 342792-21-6 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[(methylsulfonyl)oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)- (9CI)
(CA INDEX NAME)

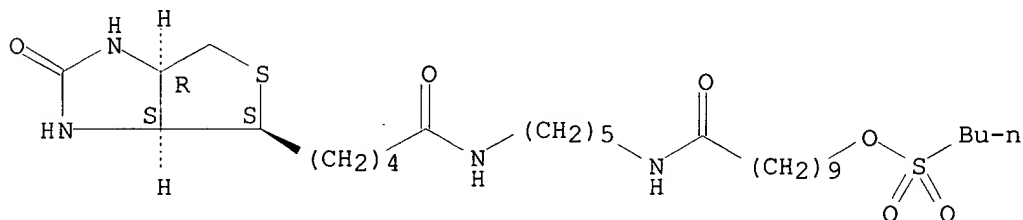
Absolute stereochemistry.



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CN 1-Butanesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

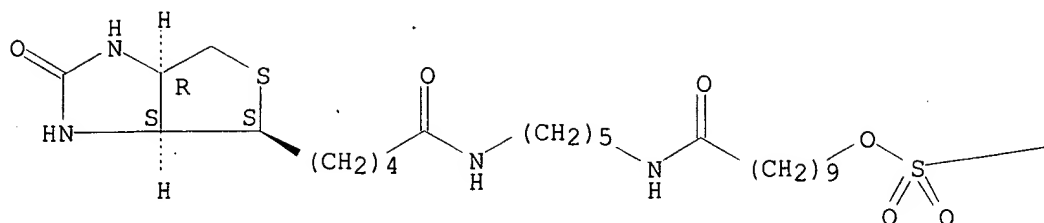


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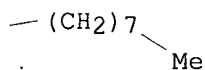
CN 1-Octanesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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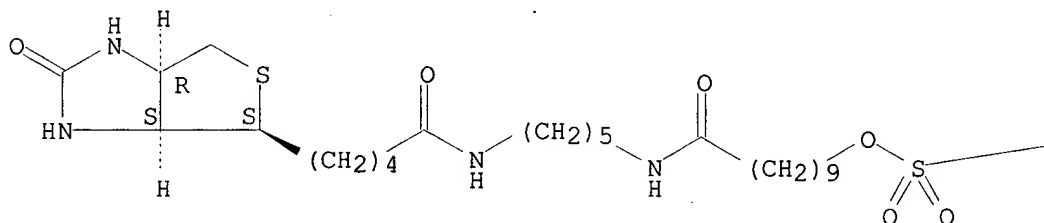


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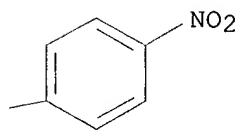
CN Benzenesulfonic acid, 4-nitro-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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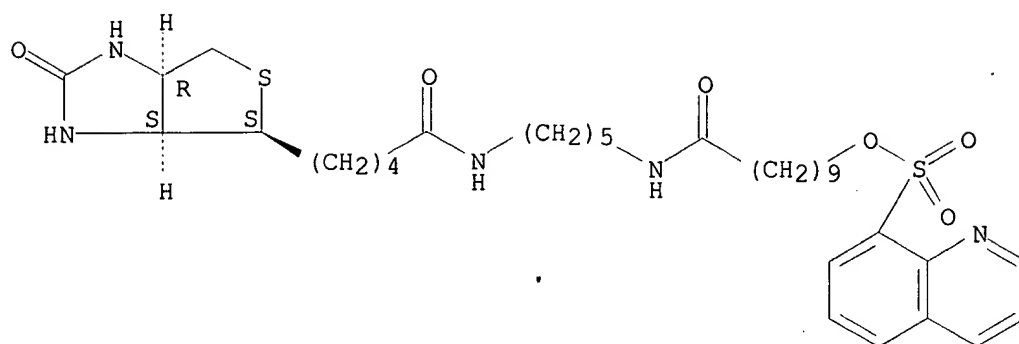
PAGE 1-B



RN 342792-25-0 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

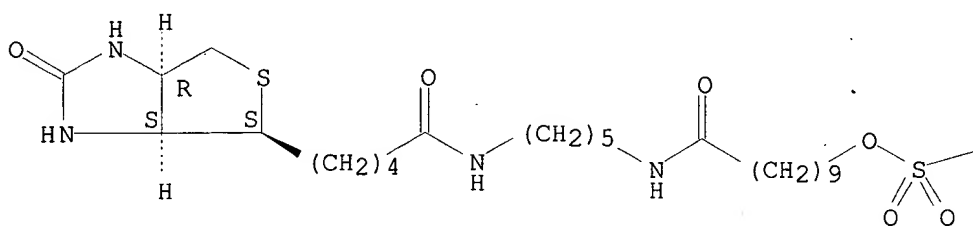


RN 342792-26-1 HCAPLUS

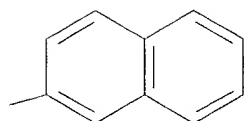
CN 2-Naphthalenesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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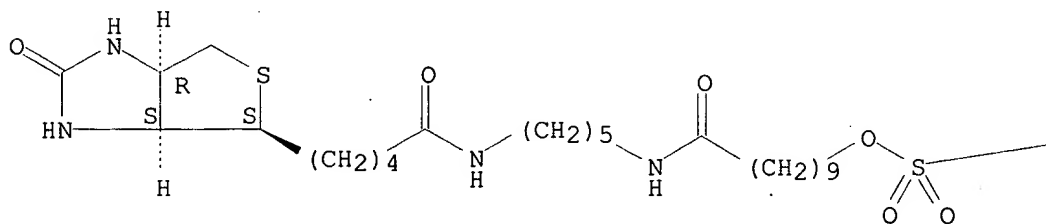


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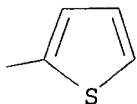
CN 2-Thiophenesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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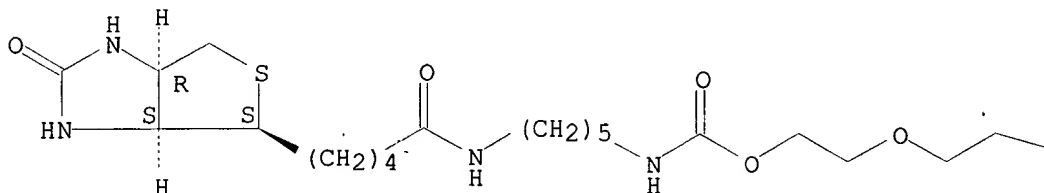


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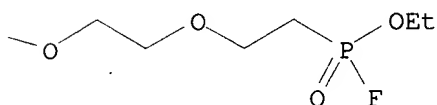
CN Phosphonofluoridic acid, [25-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-13,21-dioxo-3,6,9,12-tetraoxa-14,20-diazapentacos-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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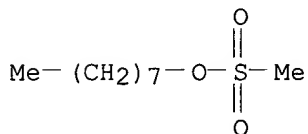


IT 16156-52-8P 117800-97-2P 126092-21-5P

RL: ARU (Analytical role, unclassified); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation)
(methods for proteomic anal. using activity based probes for target proteins)

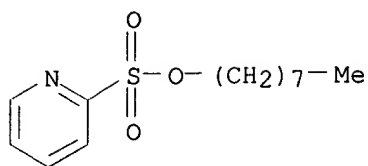
RN 16156-52-8 HCAPLUS

CN Methanesulfonic acid, octyl ester (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

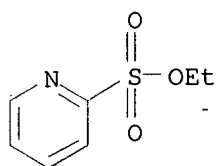


RN 117800-97-2 HCAPLUS

CN 2-Pyridinesulfonic acid, octyl ester (9CI) (CA INDEX NAME)

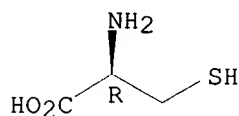


RN 126092-21-5 HCAPLUS
 CN 2-Pyridinesulfonic acid, ethyl ester (9CI) (CA INDEX NAME)



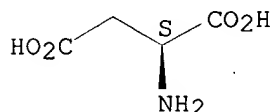
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 RL: PRP (Properties)
 (methods for proteomic anal. using activity based probes for target proteins)
 RN 52-90-4 HCAPLUS
 CN L-Cysteine (9CI) (CA INDEX NAME)

Absolute stereochemistry.



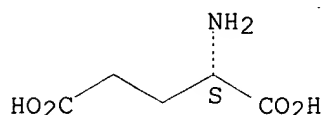
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Absolute stereochemistry. Rotation (+).



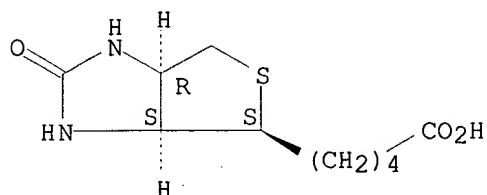
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Absolute stereochemistry.



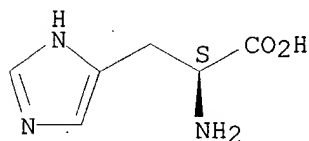
RN 58-85-5 HCAPLUS
 CN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-,
 (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

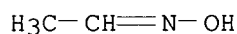


RN 71-00-1 HCAPLUS
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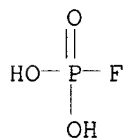
Absolute stereochemistry. Rotation (-).



RN 107-29-9 HCAPLUS
 CN Acetaldehyde, oxime (6CI, 8CI, 9CI) (CA INDEX NAME)



RN 13537-32-1 HCAPLUS
 CN Phosphorofluoridic acid (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

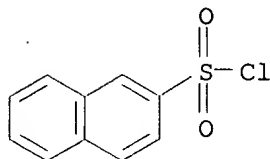


IT 93-11-8, 2-Naphthalenesulfonyl chloride 98-09-9,
 Benzenesulfonyl chloride 98-59-9 98-68-0
 98-74-8 111-87-5, 1-Octanol, reactions 112-43-6
 , 10-Undecen-1-ol 112-60-7 121-44-8, Triethylamine,
 reactions 122-52-1, Triethylphosphite 124-63-0,
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 2857-97-8, Trimethylsilyl bromide 6066-82-6,
 N-Hydroxysuccinimide 7790-28-5 7795-95-1,
 1-Octanesulfonyl chloride 10049-08-8, Ruthenium chloride (RuCl3)
 16629-19-9, 2-Thiophenesulfonyl chloride 18704-37-5,
 8-Quinolinesulfonyl chloride 66715-65-9, 2-Pyridylsulfonyl
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 RL: RCT (Reactant); RACT (Reactant or reagent)
 (methods for proteomic anal. using activity based probes for target)

proteins)

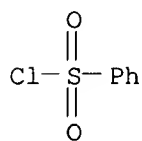
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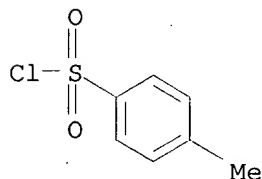
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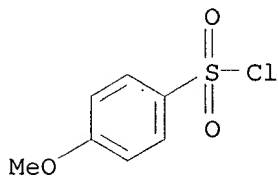
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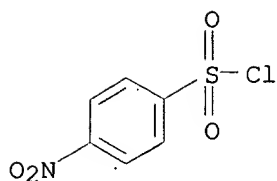
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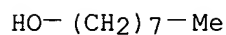


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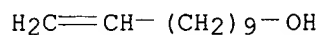
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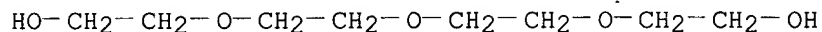
RN 111-87-5 HCAPLUS
 CN 1-Octanol (9CI) (CA INDEX NAME)



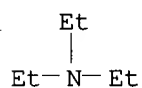
RN 112-43-6 HCAPLUS
 CN 10-Undecen-1-ol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



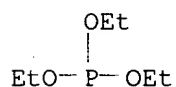
RN 112-60-7 HCAPLUS
 CN Ethanol, 2,2'-[oxybis(2,1-ethanedioxy)]bis- (9CI) (CA INDEX NAME)



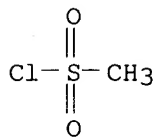
RN 121-44-8 HCAPLUS
 CN Ethanamine, N,N-diethyl- (9CI) (CA INDEX NAME)



RN 122-52-1 HCAPLUS
 CN Phosphorous acid, triethyl ester (8CI, 9CI) (CA INDEX NAME)

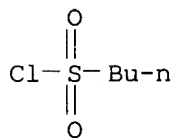


RN 124-63-0 HCAPLUS
 CN Methanesulfonyl chloride (6CI, 8CI, 9CI) (CA INDEX NAME)



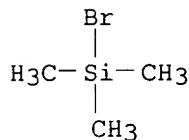
RN 2386-60-9 HCAPLUS

CN 1-Butanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



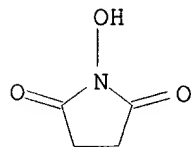
RN 2857-97-8 HCAPLUS

CN Silane, bromotrimethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



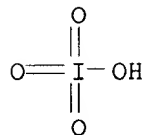
RN 6066-82-6 HCAPLUS

CN 2,5-Pyrrolidinedione, 1-hydroxy- (9CI) (CA INDEX NAME)



RN 7790-28-5 HCAPLUS

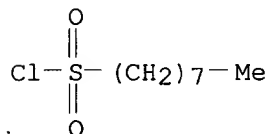
CN Periodic acid (HIO4), sodium salt (8CI, 9CI) (CA INDEX NAME)



Na

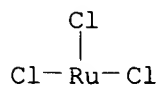
RN 7795-95-1 HCAPLUS

CN 1-Octanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



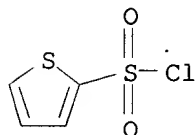
RN 10049-08-8 HCAPLUS

CN Ruthenium chloride (RuCl₃) (6CI, 8CI, 9CI) (CA INDEX NAME)



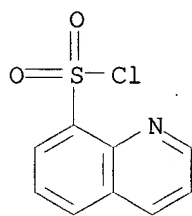
RN 16629-19-9 HCAPLUS

CN 2-Thiophenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



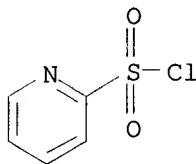
RN 18704-37-5 HCAPLUS

CN 8-Quinolinesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 66715-65-9 HCAPLUS

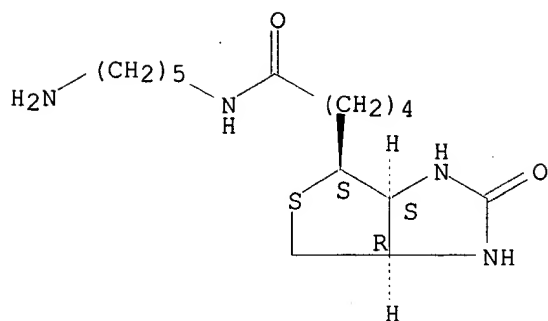
CN 2-Pyridinesulfonyl chloride (6CI, 7CI, 9CI) (CA INDEX NAME)



RN 115416-38-1 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-(5-aminopentyl)hexahydro-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



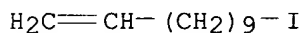
IT 7766-49-6P 51148-67-5P 52355-50-7P
 83637-49-4P 134179-40-1P 156125-40-5P
 259270-26-3P 259270-27-4P 338964-01-5P
 338964-02-6P 338964-03-7P 338964-04-8P
 338964-05-9P 338964-06-0P 342792-15-8P
 342792-16-9P 367478-49-7P 367478-57-7P
 367478-66-8P 367478-71-5P 367478-76-0P
 367478-80-6P 367478-84-0P 367478-88-4P
 367478-96-4P 367479-00-3P 367479-05-8P
 367479-14-9P 367479-19-4P 367479-24-1P
 367479-27-4P 367479-31-0P 367479-35-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(methods for proteomic anal. using activity based probes for target proteins)

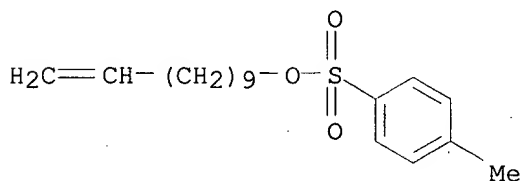
RN 7766-49-6 HCAPLUS

CN 1-Undecene, 11-iodo- (7CI, 8CI, 9CI) (CA INDEX NAME)



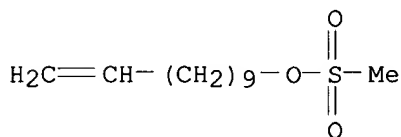
RN 51148-67-5 HCAPLUS

CN 10-Undecen-1-ol, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

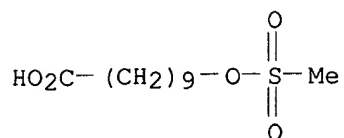


RN 52355-50-7 HCAPLUS

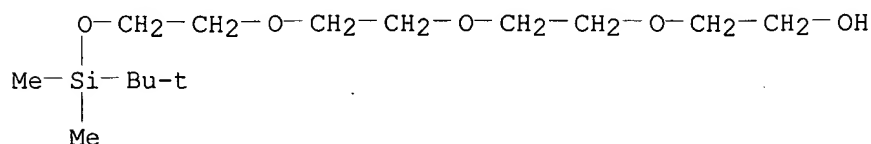
CN 10-Undecen-1-ol, methanesulfonate (9CI) (CA INDEX NAME)



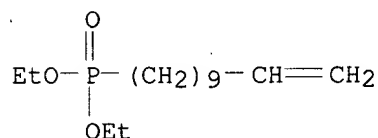
RN 83637-49-4 HCAPLUS
 CN Decanoic acid, 10-[(methylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



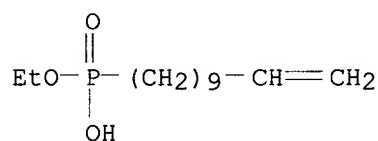
RN 134179-40-1 HCAPLUS
 CN 4,7,10,13-Tetraoxa-3-silapentadecan-15-ol, 2,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



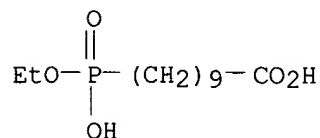
RN 156125-40-5 HCAPLUS
 CN Phosphonic acid, 10-undecenyl-, diethyl ester (9CI) (CA INDEX NAME)



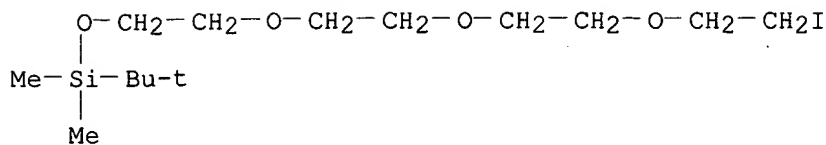
RN 259270-26-3 HCAPLUS
 CN Phosphonic acid, 10-undecenyl-, monoethyl ester (9CI) (CA INDEX NAME)



RN 259270-27-4 HCAPLUS
 CN Decanoic acid, 10-(ethoxyhydroxyphosphinyl)- (9CI) (CA INDEX NAME)

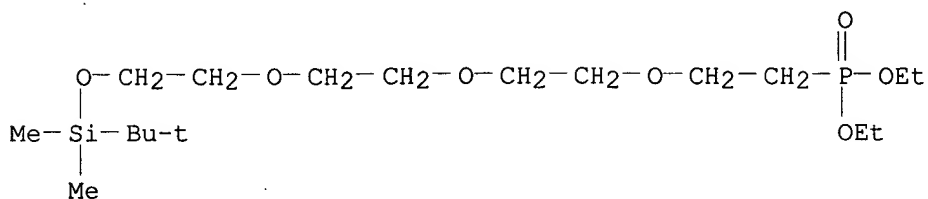


RN 338964-01-5 HCAPLUS
 CN 4,7,10,13-Tetraoxa-3-silapentadecane, 15-iodo-2,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



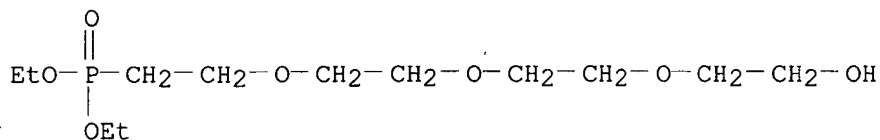
RN 338964-02-6 HCAPLUS

CN Phosphonic acid, (13,13,14,14-tetramethyl-3,6,9,12-tetraoxa-13-silapentadec-1-yl)-, diethyl ester (9CI) (CA INDEX NAME)



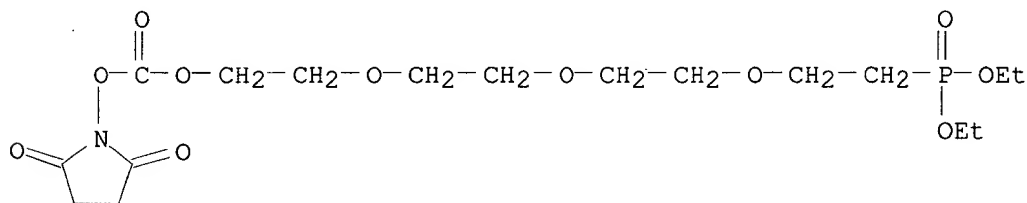
RN 338964-03-7 HCAPLUS

CN Phosphonic acid, [2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl]-, diethyl ester (9CI) (CA INDEX NAME)



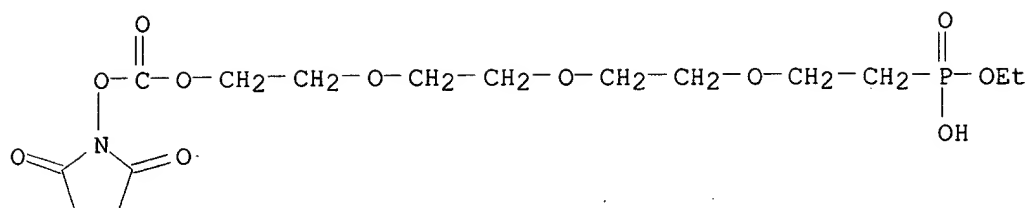
RN 338964-04-8 HCAPLUS

CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, diethyl ester (9CI) (CA INDEX NAME)



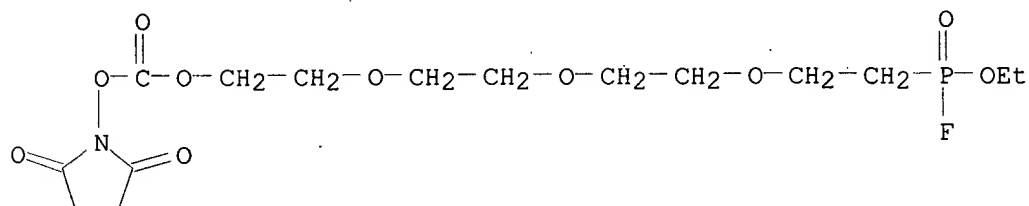
RN 338964-05-9 HCAPLUS

CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, monoethyl ester (9CI) (CA INDEX NAME)



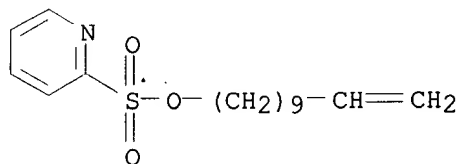
RN 338964-06-0 HCAPLUS

CN Phosphonofluoridic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)



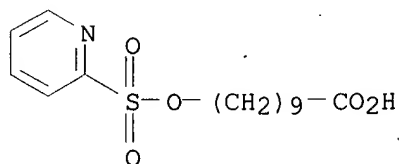
RN 342792-15-8 HCAPLUS

CN 2-Pyridinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



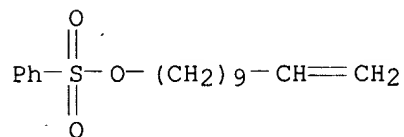
RN 342792-16-9 HCAPLUS

CN Decanoic acid, 10-[(2-pyridinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



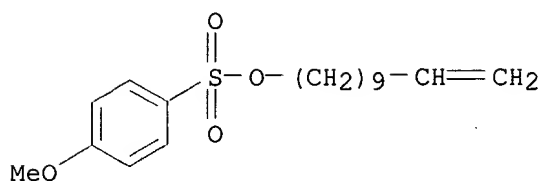
RN 367478-49-7 HCAPLUS

CN 10-Undecen-1-ol, benzenesulfonate (9CI) (CA INDEX NAME)



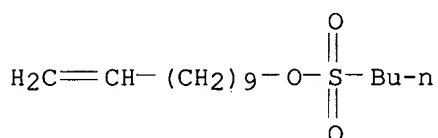
RN 367478-57-7 HCAPLUS

CN Benzenesulfonic acid, 4-methoxy-, 10-undecenyl ester (9CI) (CA INDEX NAME)



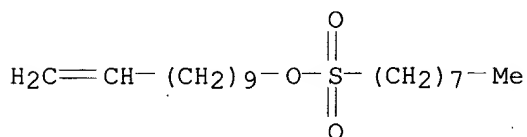
RN 367478-66-8 HCAPLUS

CN 1-Butanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



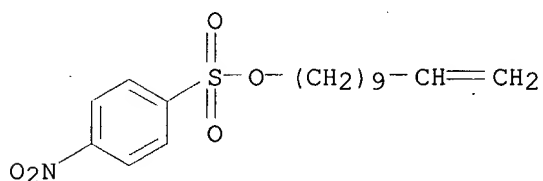
RN 367478-71-5 HCAPLUS

CN 1-Octanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



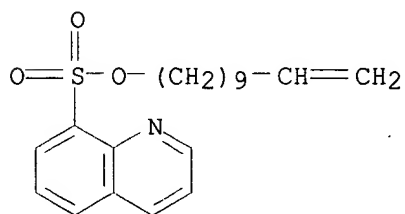
RN 367478-76-0 HCAPLUS

CN Benzenesulfonic acid, 4-nitro-, 10-undecenyl ester (9CI) (CA INDEX NAME)

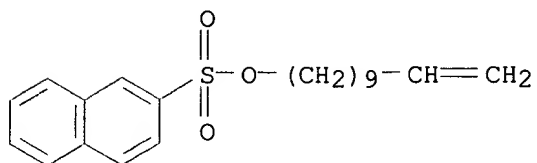


RN 367478-80-6 HCAPLUS

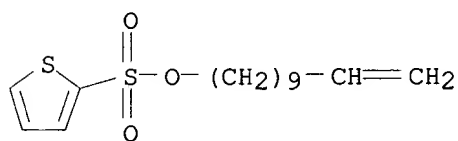
CN 8-Quinolinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



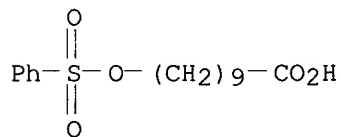
RN 367478-84-0 HCAPLUS
 CN 2-Naphthalenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



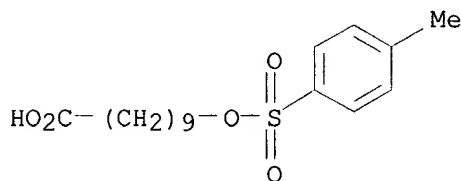
RN 367478-88-4 HCAPLUS
 CN 2-Thiophenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



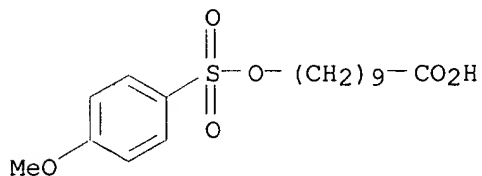
RN 367478-96-4 HCAPLUS
 CN Decanoic acid, 10-[(phenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-00-3 HCAPLUS
 CN Decanoic acid, 10-[[(4-methylphenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)

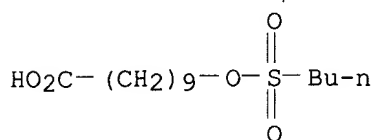


RN 367479-05-8 HCAPLUS
 CN Decanoic acid, 10-[[(4-methoxyphenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)



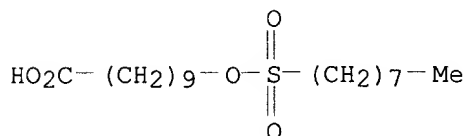
RN 367479-14-9 HCAPLUS

CN Decanoic acid, 10-[(butylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



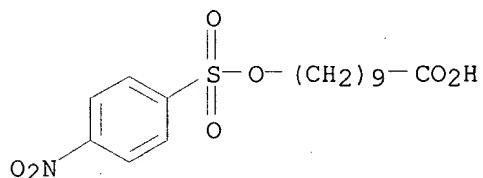
RN 367479-19-4 HCAPLUS

CN Decanoic acid, 10-[(octylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



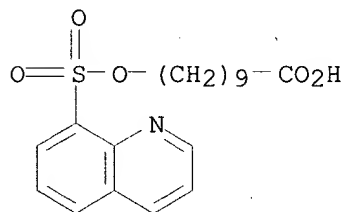
RN 367479-24-1 HCAPLUS

CN Decanoic acid, 10-[[4-nitrophenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)



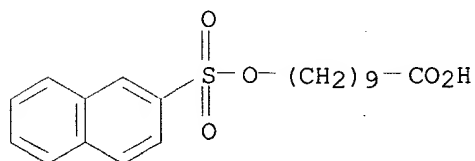
RN 367479-27-4 HCAPLUS

CN Decanoic acid, 10-[(8-quinolinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)

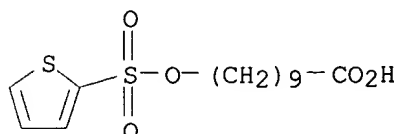


RN 367479-31-0 HCAPLUS

CN Decanoic acid, 10-[(2-naphthalenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-35-4 HCAPLUS
 CN Decanoic acid, 10-[(2-thienylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



IT 367944-46-5 367944-47-6 367944-49-8
 367944-51-2 367944-54-5 368436-43-5
 368436-44-6 368436-45-7 368436-46-8
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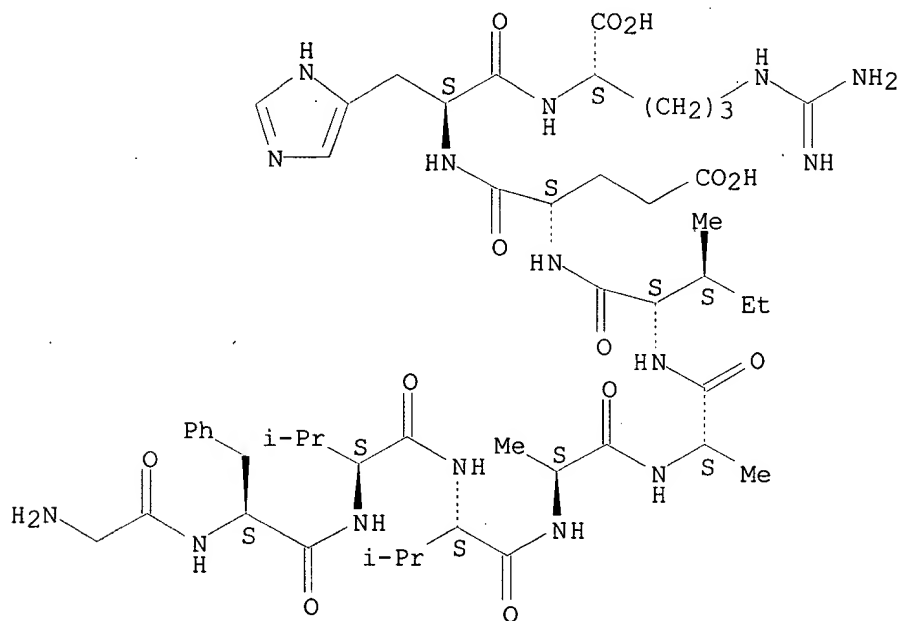
RL: PRP (Properties)

(unclaimed sequence; methods for proteomic anal. using activity based probes for target proteins)

RN 367944-46-5 HCAPLUS

CN L-Arginine, glycyl-L-phenylalanyl-L-valyl-L-valyl-L-alanyl-L-alanyl-L-isoleucyl-L-.alpha.-glutamyl-L-histidyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

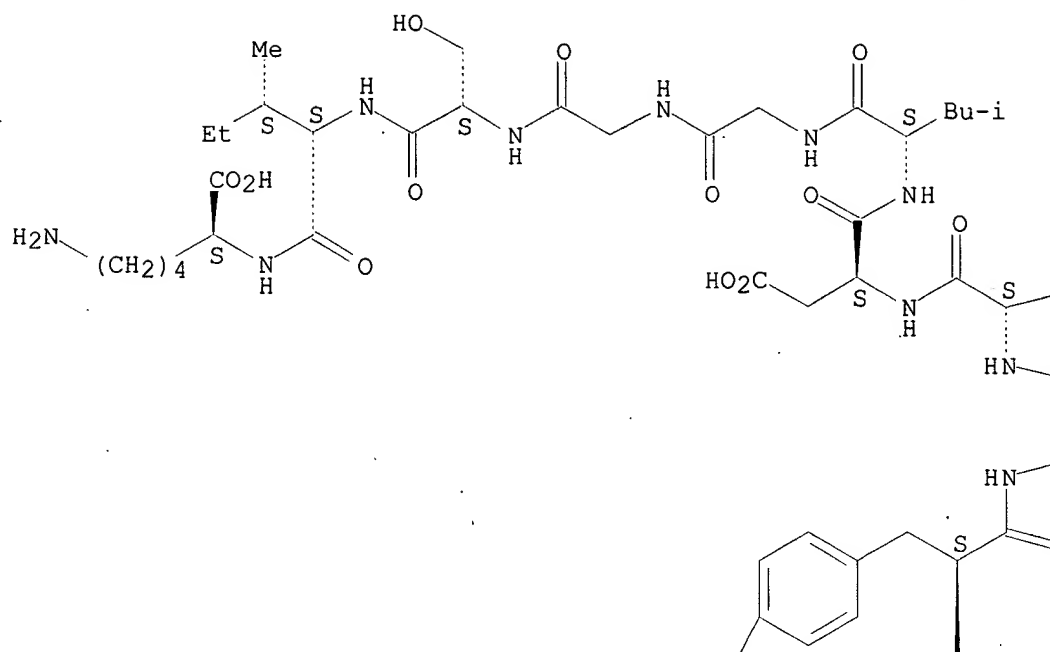


RN 367944-47-6 HCAPLUS

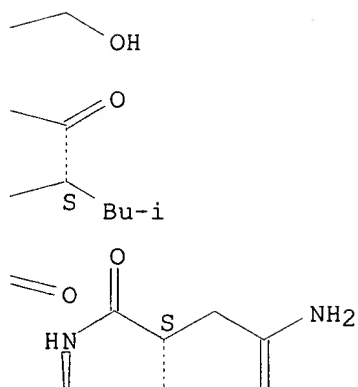
CN L-Arginine, L-glutaminyl-L-alanyl-L-phenylalanyl-L-isoleucylglycyl-L-seryl-L-prolyl-L-tryptophyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

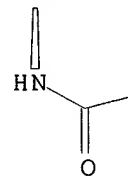


PAGE 1-B

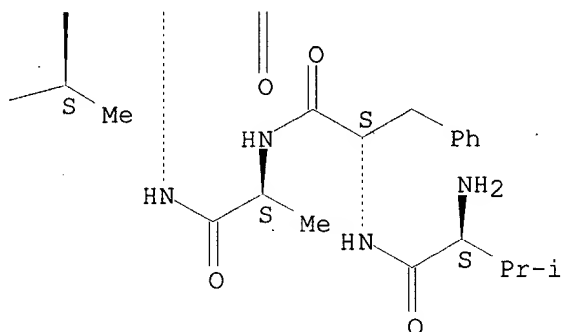


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HO



PAGE 2-B

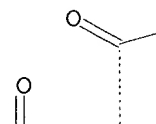
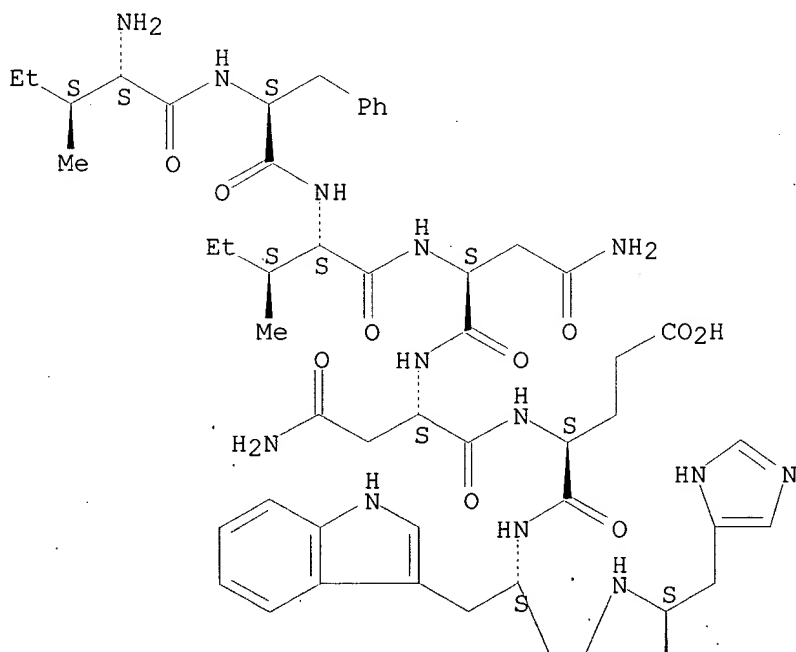


RN 367944-51-2 HCAPLUS

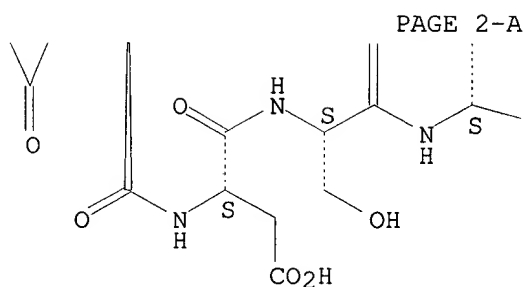
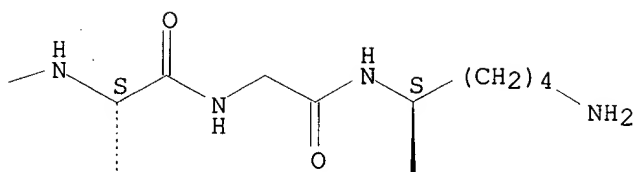
CN L-Lysine, L-isoleucyl-L-phenylalanyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-.alpha.-glutamyl-L-tryptophyl-L-histidyl-L-.alpha.-aspartyl-L-seryl-L-valyl-L-serylglycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

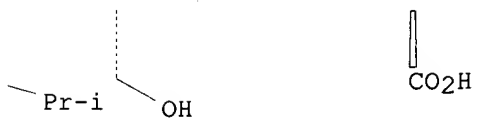
PAGE 1-A



PAGE 1-B



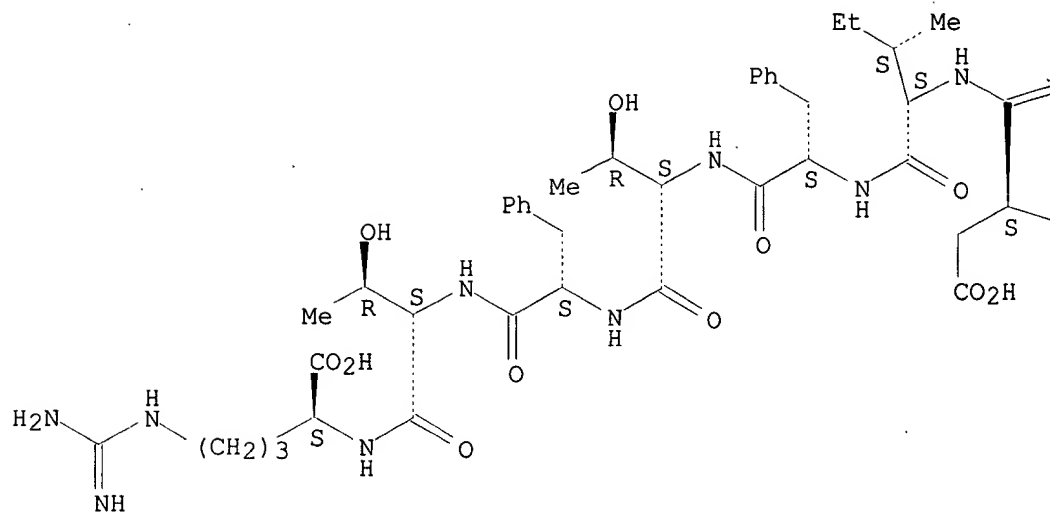
PAGE 2-B



RN 367944-54-5 HCAPLUS
 CN L-Arginine, L-isoleucyl-L-histidylglycyl-L-glutaminyl-L-threonyl-L-isoleucyl-L-prolyl-L-seryl-L-.alpha.-aspartylglycyl-L-.alpha.-aspartyl-L-isoleucyl-L-phenylalanyl-L-threonyl-L-phenylalanyl-L-threonyl- (9CI) (CA INDEX NAME)

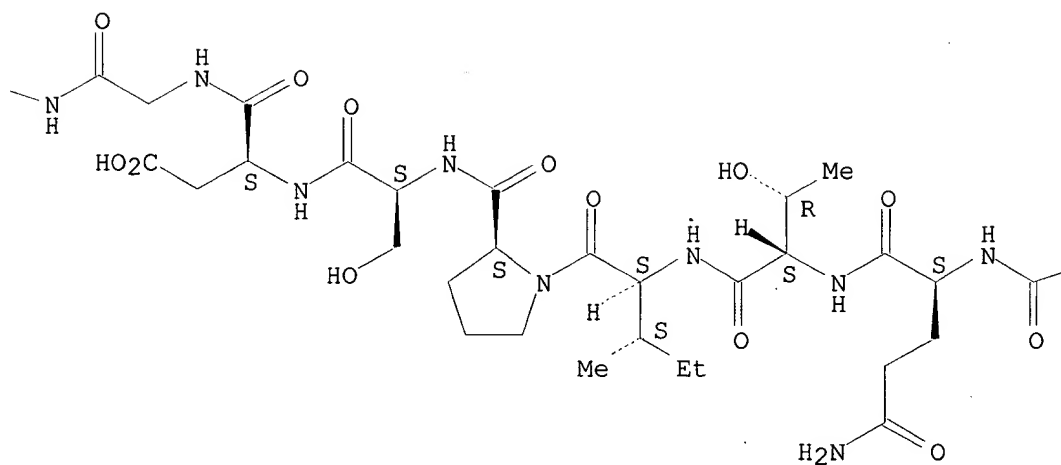
Absolute stereochemistry.

PAGE 1-A

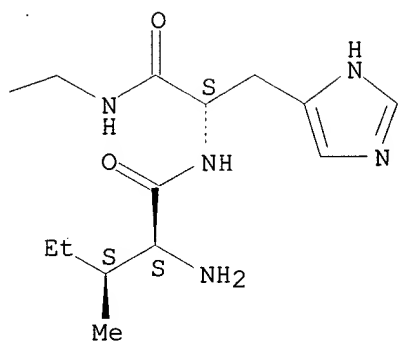


PAGE 1-B

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PAGE 1-C

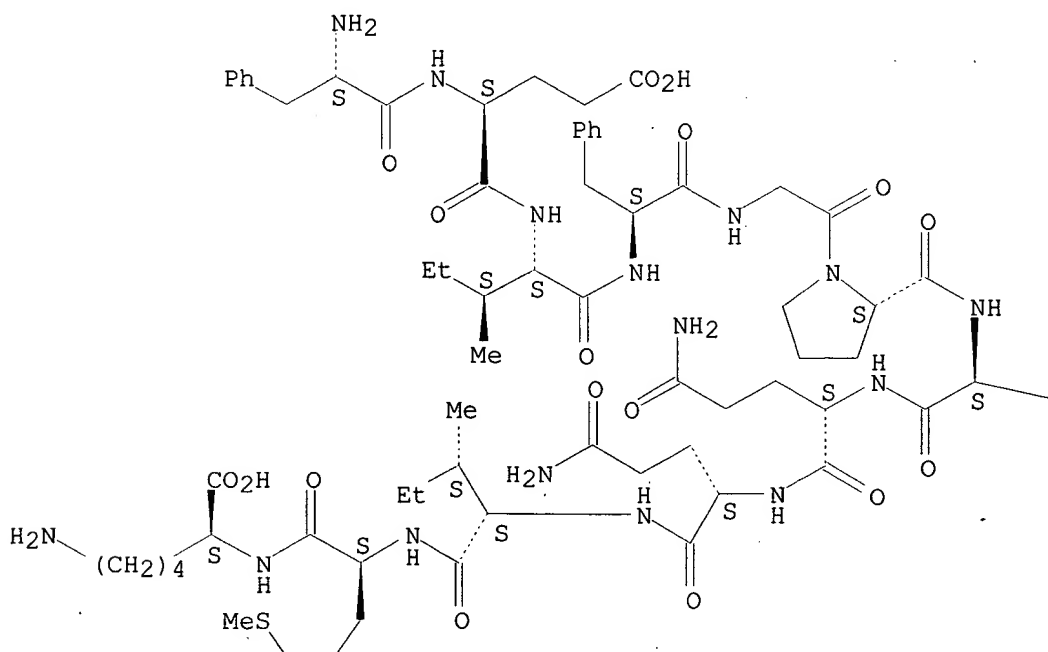


RN 368436-43-5 HCAPLUS

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Absolute stereochemistry.

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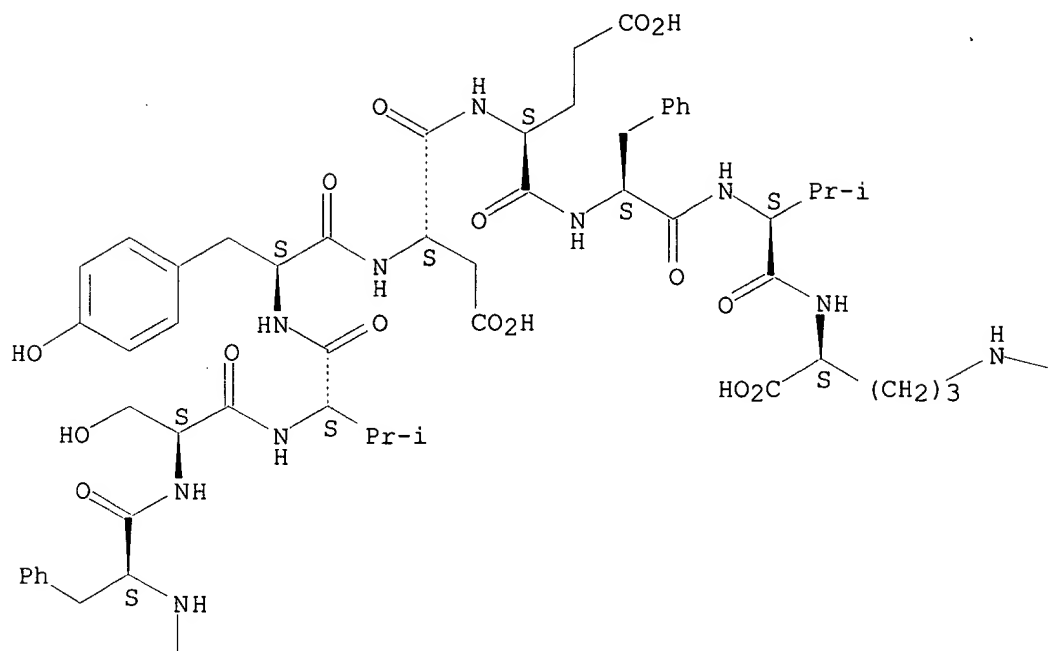
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PAGE 2-A

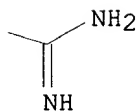
RN 368436-44-6 HCAPLUS
CN L-Arginine, L-isoleucyl-L-phenylalanyl-L-valyl-L-.alpha.-glutamyl-L-phenylalanyl-L-seryl-L-valyl-L-tyrosyl-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-phenylalanyl-L-valyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

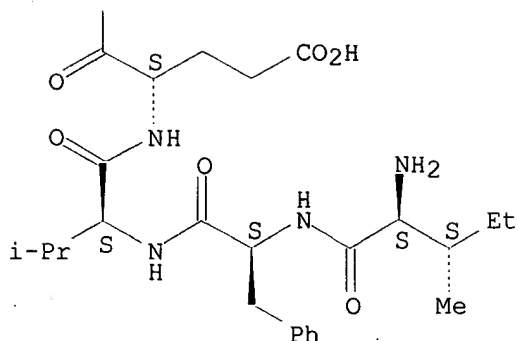
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PAGE 1-B



PAGE 2-A

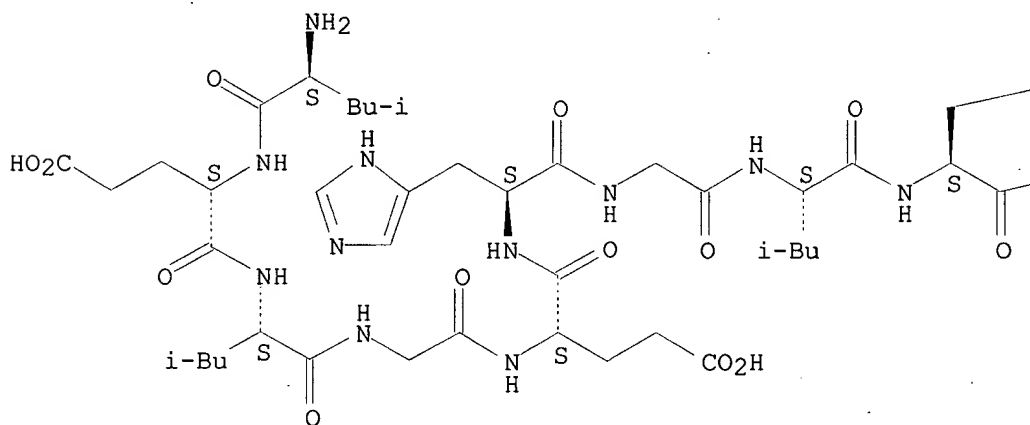


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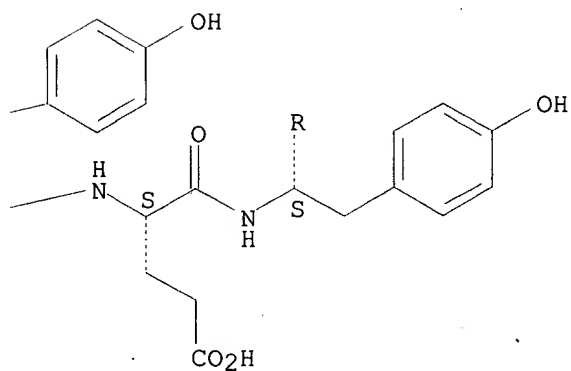
CN L-Lysine, L-leucyl-L-.alpha.-glutamyl-L-leucylglycyl-L-.alpha.-glutamyl-L-histidylglycyl-L-leucyl-L-tyrosyl-L-.alpha.-glutamyl-L-tyrosyl-L-threonyl-L-phenylalanyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

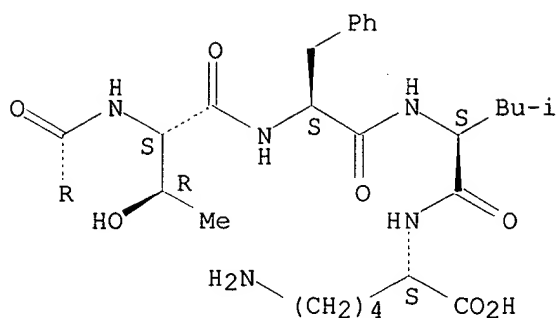
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PAGE 2-A

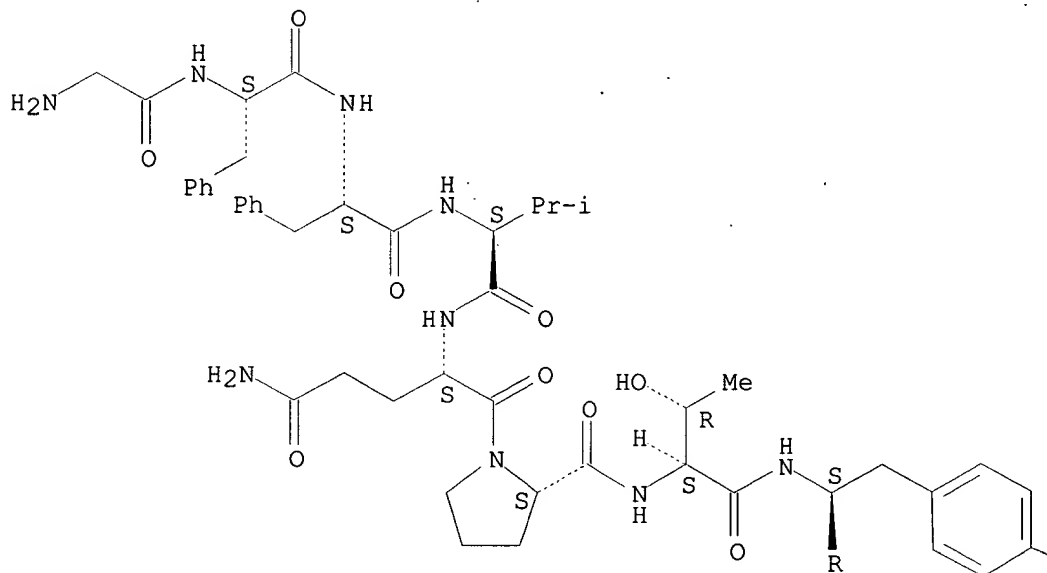


RN 368436-46-8 HCAPLUS

CN L-Arginine, glycyl-L-phenylalanyl-L-phenylalanyl-L-valyl-L-glutaminyl-L-prolyl-L-threonyl-L-tyrosyl-L-phenylalanyl-L-seryl-L-asparaginyl-L-valyl-L-threonyl-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-methionyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

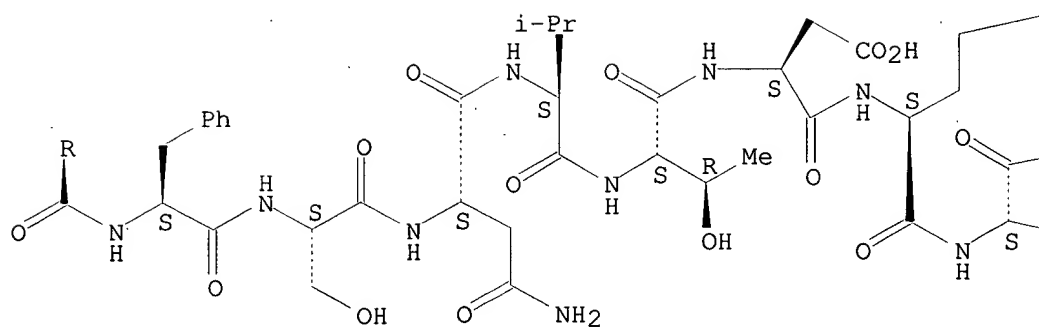
PAGE 1-A



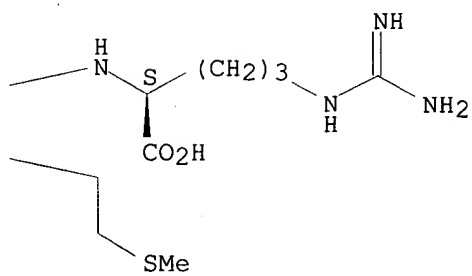
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—OH

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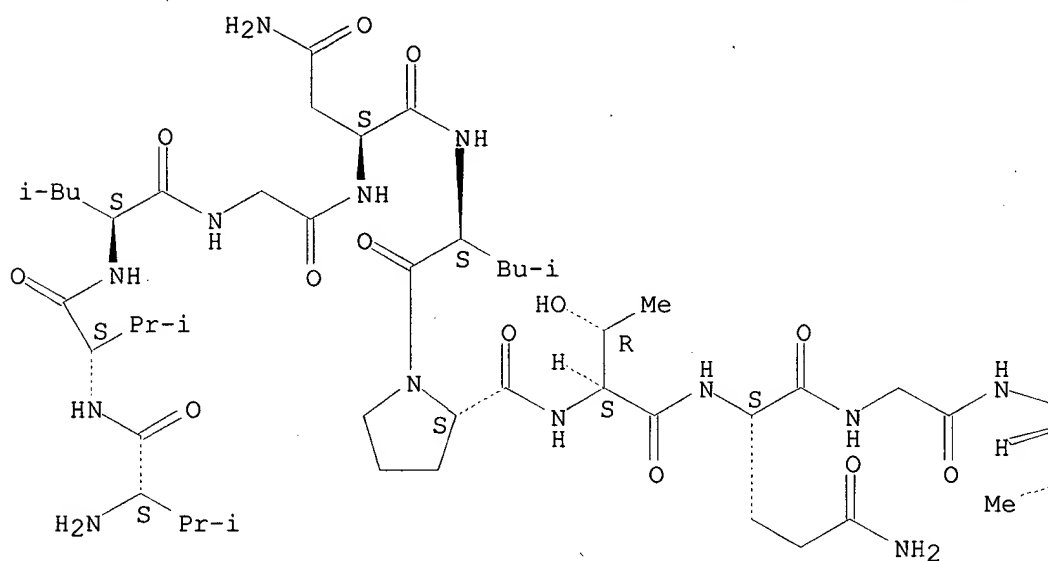
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RN 368436-47-9 HCAPLUS

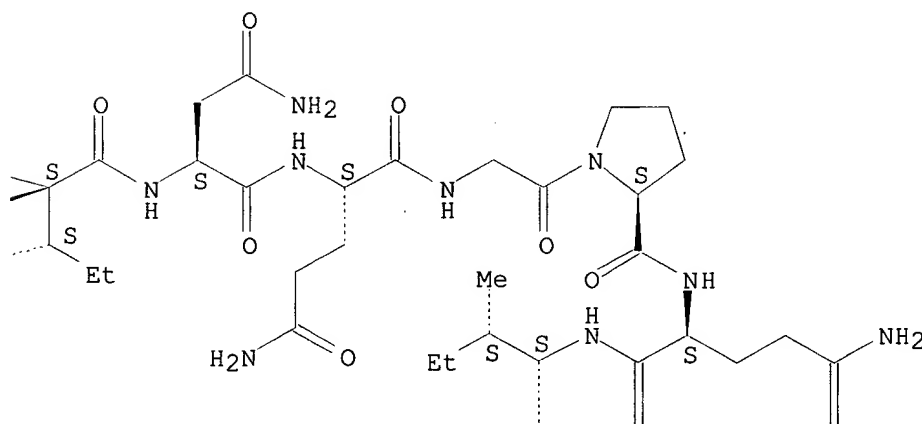
CN L-Lysine, L-valyl-L-valyl-L-leucylglycyl-L-asparaginyl-L-leucyl-L-prolyl-L-threonyl-L-glutaminyglycyl-L-isoleucyl-L-asparaginyl-L-glutaminyglycyl-L-prolyl-L-glutaminy-L-isoleucyl-L-.alpha.-aspartyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

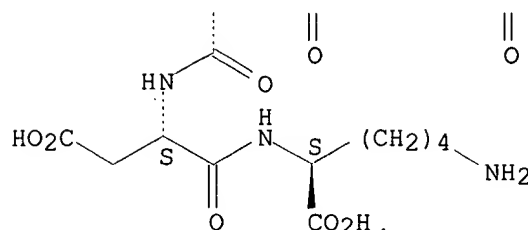
PAGE 1-A



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L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2001:763309 HCAPLUS
 DOCUMENT NUMBER: 135:315597
 TITLE: Methods for bioactivity screening of candidate compounds using activity based probes
 INVENTOR(S): Cravatt, Benjamin F.; Sorensen, Erik; Patricelli, Matthew; Lovato, Martha; Adam, Gregory
 PATENT ASSIGNEE(S): Scripps Research Institute, USA
 SOURCE: PCT Int. Appl., 118 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

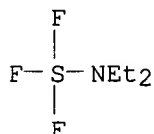
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-----------------|-------------|
| WO 2001077668 | A2 | 20011018 | WO 2000-US34167 | 20001215 |
| WO 2001077668 | A3 | 20020606 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
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| US 2002040275 | A1 | 20020404 | US 2001-836148 | 20010416 |
| US 2002064799 | A1 | 20020530 | US 2001-836145 | 20010416 |
| US 2002182652 | A1 | 20021205 | US 2002-158498 | 20020529 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2000-195954P | P 20000410 |
| | | | US 2000-212891P | P 20000620 |
| | | | US 2000-222532P | P 20000802 |
| | | | US 2000-738271 | A1 20001215 |
| | | | US 2000-738954 | A1 20001215 |

OTHER SOURCE(S): MARPAT 135:315597

AB The present invention provides methods for analyzing proteomes, as cells or lysates. The anal. is based on the use of probes that have specificity to the active form of proteins, particularly enzymes and receptors. The probes can be identified in different ways. In accordance with the present invention, a method is provided for generating and screening compd. libraries that are used for the identification of lead mols., and for the parallel identification of their biol. targets. By appending specific functionalities and/or groups to one or more binding moieties,

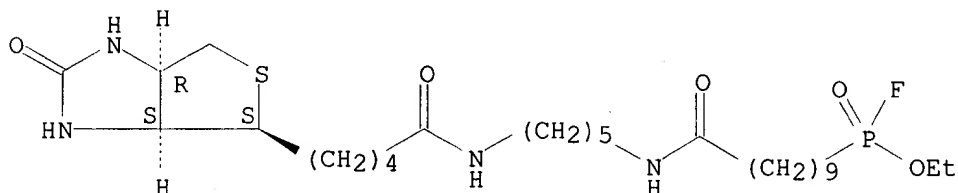
the reactive functionalities gain binding affinity and specificity for particular proteins and classes of proteins. Such libraries of candidate compds., referred to herein as activity-based probes, or ABPs, are used to screen for one or more desired biol. activities or target proteins.

IT **38078-09-0**, (Diethylamino)sulfur trifluoride
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (DAST; methods for bioactivity screening of candidate compds. using activity based probes)
 RN 38078-09-0 HCAPLUS
 CN Sulfur, (N-ethylethanaminato)trifluoro-, (T-4)- (9CI) (CA INDEX NAME)

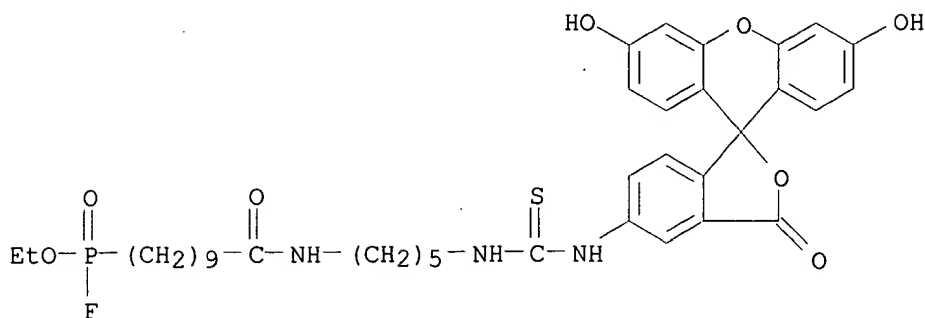


IT **259270-28-5P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (FP-biotin; methods for bioactivity screening of candidate compds. using activity based probes)
 RN 259270-28-5 HCAPLUS
 CN Phosphonofluoridic acid, [10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT **259270-29-6P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (FP-fluorescein; methods for bioactivity screening of candidate compds. using activity based probes)
 RN 259270-29-6 HCAPLUS
 CN Phosphonofluoridic acid, [10-[[5-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)



IT 9028-86-8, Aldehyde dehydrogenase
 RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
 (cytosolic class I; methods for bioactivity screening of candidate
 compds. using activity based probes)

RN 9028-86-8 HCAPLUS

CN Dehydrogenase, aldehyde (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 9027-41-2, Hydrolase
 RL: ANT (Analyte); CAT (Catalyst use); PRP (Properties); ANST (Analytical
 study); USES (Uses)
 (methods for bioactivity screening of candidate compds. using activity
 based probes)

RN 9027-41-2 HCAPLUS

CN Hydrolase (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

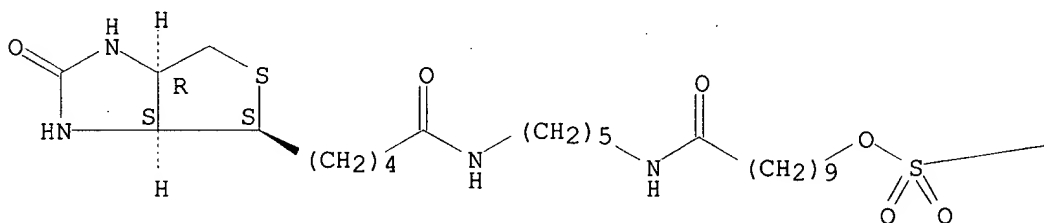
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 342792-20-5P 342792-21-6P 342792-22-7P
 342792-23-8P 342792-24-9P 342792-25-0P
 342792-26-1P 342792-27-2P 367480-61-3P
 RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST
 (Analytical study); PREP (Preparation); USES (Uses)
 (methods for bioactivity screening of candidate compds. using activity
 based probes)

RN 342792-17-0 HCAPLUS

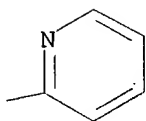
CN 2-Pyridinesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-
 thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl
 ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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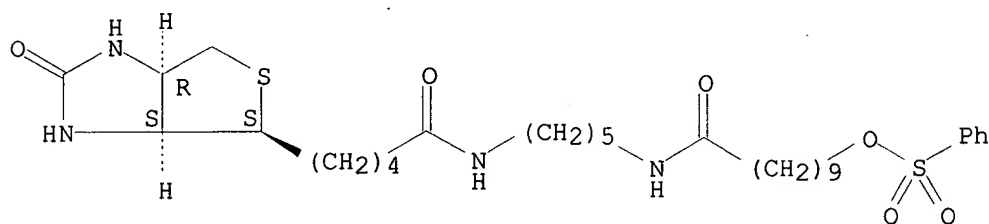
PAGE 1-B



RN 342792-18-1 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-2-oxo-N-[5-[[1-oxo-10-[(phenylsulfonyl)oxy]decyl]amino]pentyl]-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

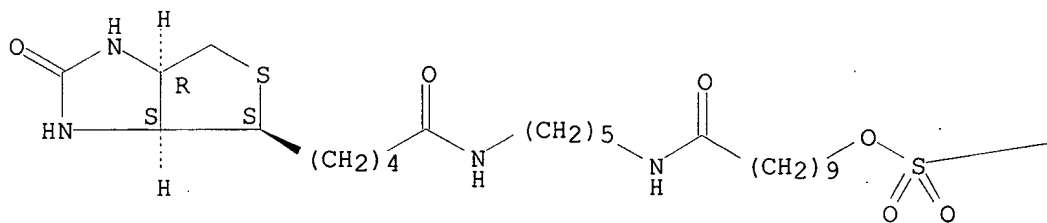


RN 342792-19-2 HCAPLUS

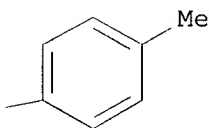
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[[4-methylphenyl)sulfonyl]oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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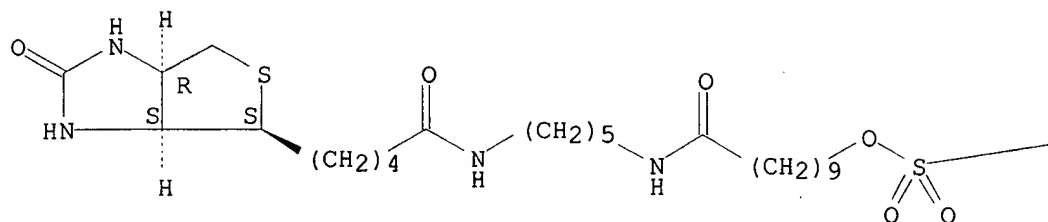


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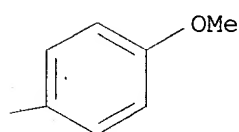
CN Benzenesulfonic acid, 4-methoxy-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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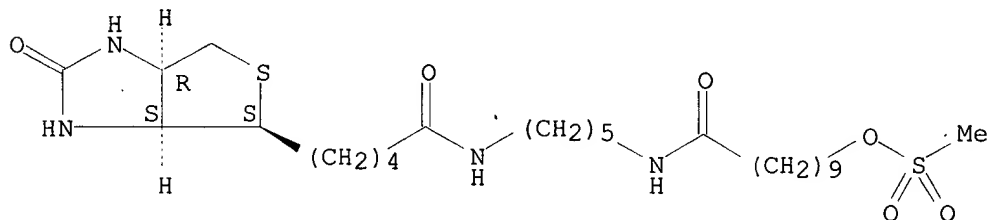


PAGE 1-B



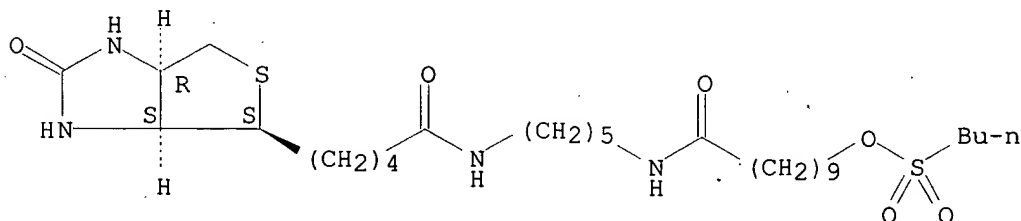
RN 342792-21-6 HCAPLUS
 CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[(methylsulfonyl)oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)-(9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



RN 342792-22-7 HCAPLUS
 CN 1-Butanesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

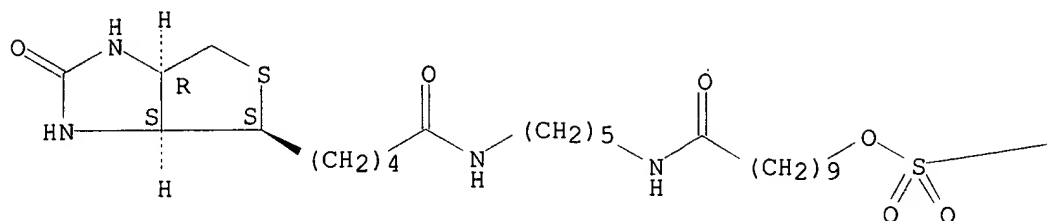


RN 342792-23-8 HCAPLUS
 CN 1-Octanesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl

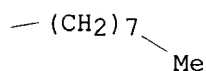
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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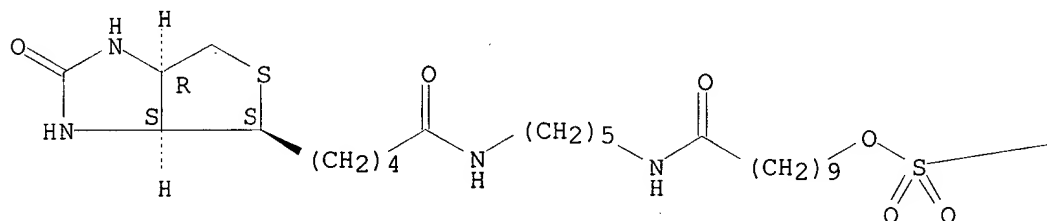


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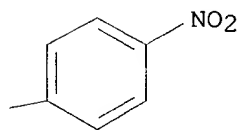
CN Benzenesulfonic acid, 4-nitro-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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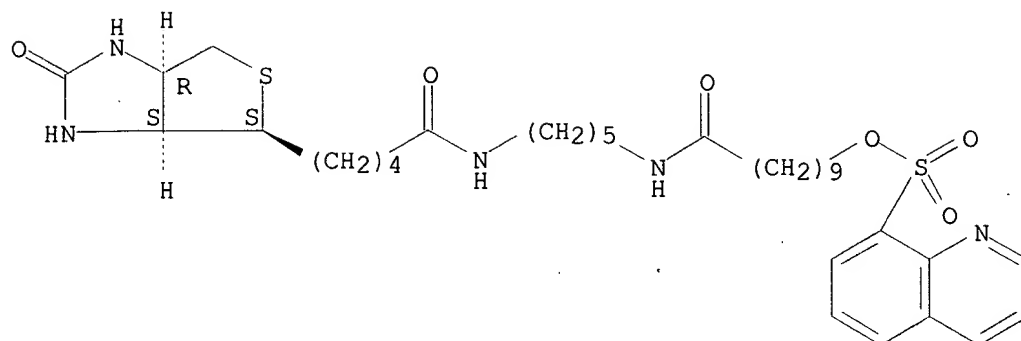
PAGE 1-B



RN 342792-25-0 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

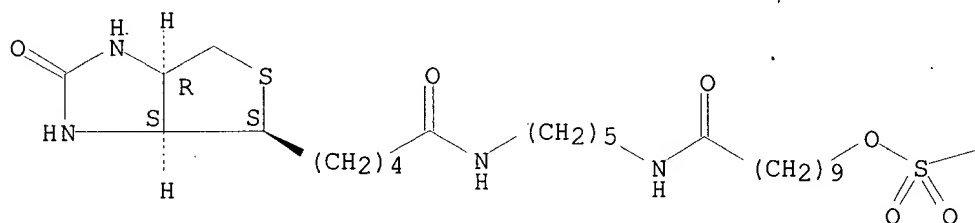


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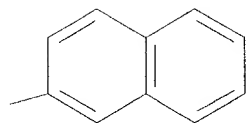
CN 2-Naphthalenesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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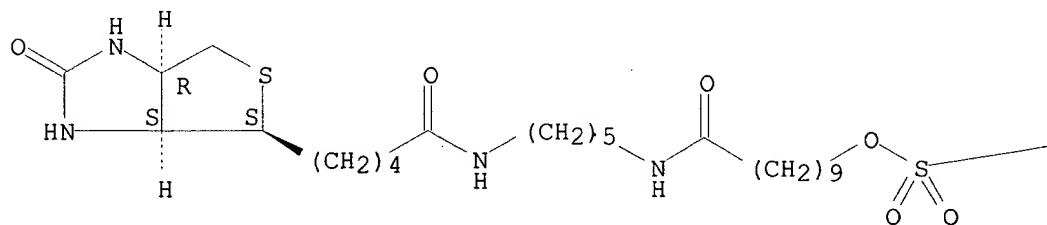


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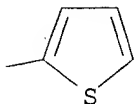
CN 2-Thiophenesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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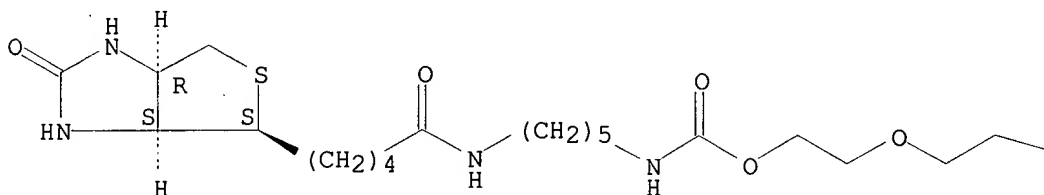


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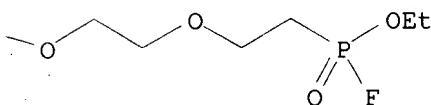
CN Phosphonofluoridic acid, [25-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-13,21-dioxo-3,6,9,12-tetraoxa-14,20-diazapentacos-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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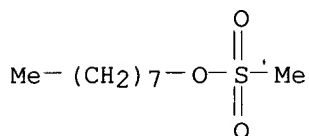


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RL: ARU (Analytical role, unclassified); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation)
(methods for bioactivity screening of candidate compds. using activity based probes)

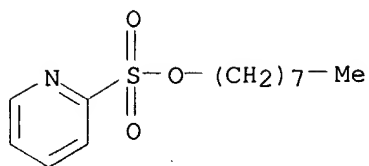
RN 16156-52-8 HCAPLUS

CN Methanesulfonic acid, octyl ester (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

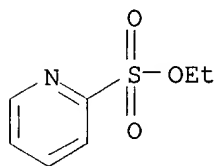


RN 117800-97-2 HCAPLUS

CN 2-Pyridinesulfonic acid, octyl ester (9CI) (CA INDEX NAME)

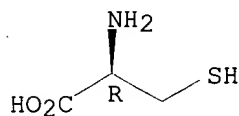


RN 126092-21-5 HCAPLUS
 CN 2-Pyridinesulfonic acid, ethyl ester (9CI) (CA INDEX NAME)



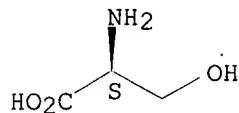
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 RL: PRP (Properties)
 (methods for bioactivity screening of candidate compds. using activity based probes)
 RN 52-90-4 HCAPLUS
 CN L-Cysteine (9CI) (CA INDEX NAME)

Absolute stereochemistry.



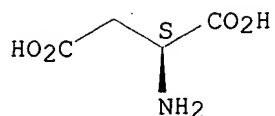
RN 56-45-1 HCAPLUS
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Absolute stereochemistry.



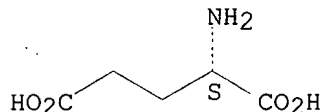
RN 56-84-8 HCAPLUS
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Absolute stereochemistry. Rotation (+).



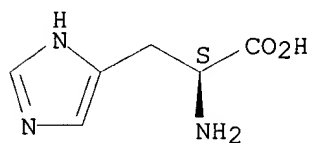
RN 56-86-0 HCAPLUS
CN L-Glutamic acid (9CI) (CA INDEX NAME)

Absolute stereochemistry.

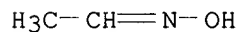


RN 71-00-1 HCAPLUS
CN L-Histidine (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 107-29-9 HCAPLUS
CN Acetaldehyde, oxime (6CI, 8CI, 9CI) (CA INDEX NAME)



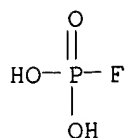
RN 7723-14-0 HCAPLUS
CN Phosphorus (8CI, 9CI) (CA INDEX NAME)

P

RN 7782-41-4 HCAPLUS
CN Fluorine (8CI, 9CI) (CA INDEX NAME)

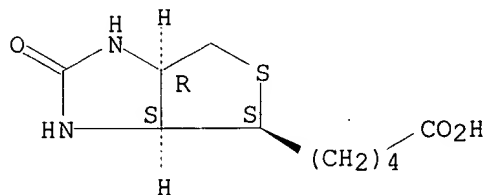
F-F

RN 13537-32-1 HCAPLUS
CN Phosphorofluoridic acid (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

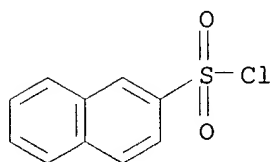


IT 58-85-5, Biotin
 RL: PRP (Properties); RCT (Reactant); RACT (Reactant or reagent)
 (methods for bioactivity screening of candidate compds. using activity
 based probes)
 RN 58-85-5 HCAPLUS
 CN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-,
 (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

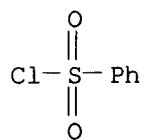
Absolute stereochemistry. Rotation (+).



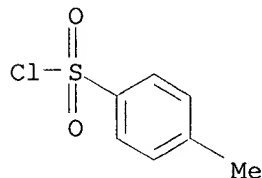
IT 93-11-8, 2-Naphthalenesulfonyl chloride 98-09-9,
 Benzenesulfonyl chloride 98-59-9 98-68-0
 98-74-8 111-87-5, 1-Octanol, reactions 112-43-6
 , 10-Undecen-1-ol 112-60-7 121-44-8, Triethylamine,
 reactions 122-52-1, Triethylphosphite 124-63-0,
 Methanesulfonyl chloride 2386-60-9, 1-Butanesulfonyl chloride
 2857-97-8, Trimethylsilyl bromide 6066-82-6,
 N-Hydroxysuccinimide 7681-82-5, Sodium iodide (NaI), reactions
 7795-95-1, 1-Octanesulfonyl chloride 10049-08-8,
 Ruthenium chloride (RuCl3) 16629-19-9, 2-Thiophenesulfonyl
 chloride 18704-37-5, 8-Quinolinesulfonyl chloride
 66715-65-9, 2-Pyridylsulfonyl chloride 115416-38-1,
 5-(Biotinamido)pentylamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (methods for bioactivity screening of candidate compds. using activity
 based probes)
 RN 93-11-8 HCAPLUS
 CN 2-Naphthalenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



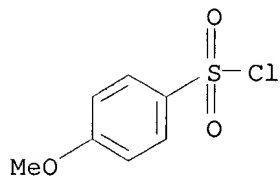
RN 98-09-9 HCAPLUS
 CN Benzenesulfonyl chloride (8CI, 9CI) (CA INDEX NAME)



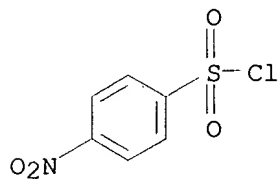
RN 98-59-9 HCAPLUS
 CN Benzenesulfonyl chloride, 4-methyl- (9CI) (CA INDEX NAME)



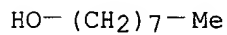
RN 98-68-0 HCAPLUS
 CN Benzenesulfonyl chloride, 4-methoxy- (9CI) (CA INDEX NAME)



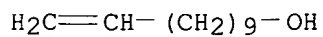
RN 98-74-8 HCAPLUS
 CN Benzenesulfonyl chloride, 4-nitro- (9CI) (CA INDEX NAME)



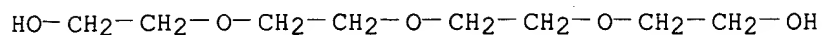
RN 111-87-5 HCAPLUS
 CN 1-Octanol (9CI) (CA INDEX NAME)



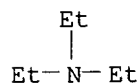
RN 112-43-6 HCAPLUS
 CN 10-Undecen-1-ol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



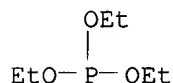
RN 112-60-7 HCAPLUS
 CN Ethanol, 2,2'-[oxybis(2,1-ethanediyl oxy)]bis- (9CI) (CA INDEX NAME)



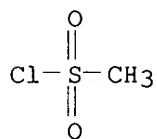
RN 121-44-8 HCAPLUS
 CN Ethanamine, N,N-diethyl- (9CI) (CA INDEX NAME)



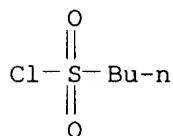
RN 122-52-1 HCAPLUS
 CN Phosphorous acid, triethyl ester (8CI, 9CI) (CA INDEX NAME)



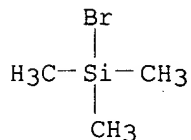
RN 124-63-0 HCAPLUS
 CN Methanesulfonyl chloride (6CI, 8CI, 9CI) (CA INDEX NAME)



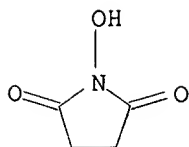
RN 2386-60-9 HCAPLUS
 CN 1-Butanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 2857-97-8 HCAPLUS
 CN Silane, bromotrimethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



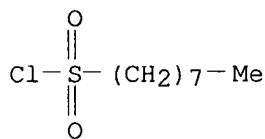
RN 6066-82-6 HCAPLUS
 CN 2,5-Pyrrolidinedione, 1-hydroxy- (9CI) (CA INDEX NAME)



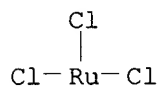
RN 7681-82-5 HCAPLUS
 CN Sodium iodide (NaI) (9CI) (CA INDEX NAME)

I-Na

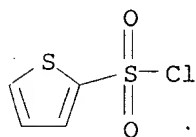
RN 7795-95-1 HCAPLUS
 CN 1-Octanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



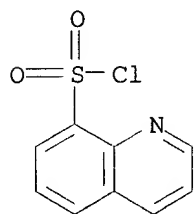
RN 10049-08-8 HCAPLUS
 CN Ruthenium chloride (RuCl3) (6CI, 8CI, 9CI) (CA INDEX NAME)



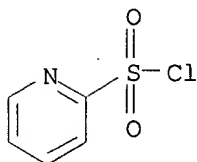
RN 16629-19-9 HCAPLUS
 CN 2-Thiophenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 18704-37-5 HCAPLUS
 CN 8-Quinolinesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

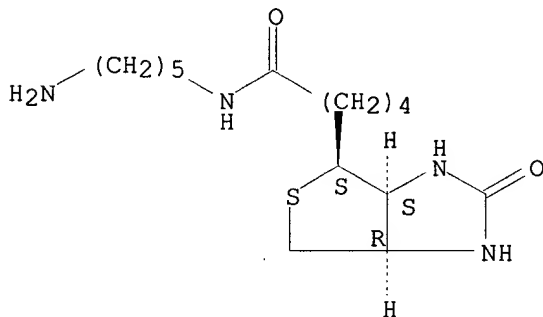


RN 66715-65-9 HCAPLUS
 CN 2-Pyridinesulfonyl chloride (6CI, 7CI, 9CI) (CA INDEX NAME)

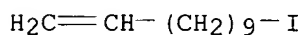


RN 115416-38-1 HCAPLUS
 CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-(5-aminopentyl)hexahydro-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

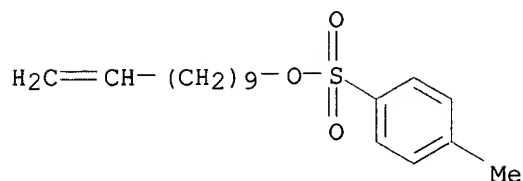
Absolute stereochemistry.



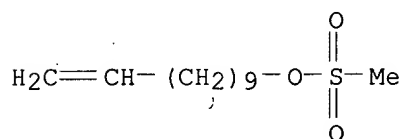
IT 7766-49-6P 51148-67-5P 52355-50-7P
 83637-49-4P 134179-40-1P 156125-40-5P
 259270-26-3P 259270-27-4P 338964-01-5P
 338964-02-6P 338964-03-7P 338964-04-8P
 338964-05-9P 338964-06-0P 342792-15-8P
 342792-16-9P 367478-49-7P 367478-57-7P
 367478-66-8P 367478-71-5P 367478-76-0P
 367478-80-6P 367478-84-0P 367478-88-4P
 367478-96-4P 367479-00-3P 367479-05-8P
 367479-14-9P 367479-19-4P 367479-24-1P
 367479-27-4P 367479-31-0P 367479-35-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (methods for bioactivity screening of candidate compds. using activity
 based probes)
 RN 7766-49-6 HCAPLUS
 CN 1-Undecene, 11-iodo- (7CI, 8CI, 9CI) (CA INDEX NAME)



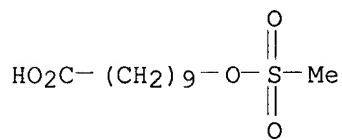
RN 51148-67-5 HCAPLUS
 CN 10-Undecen-1-ol, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)



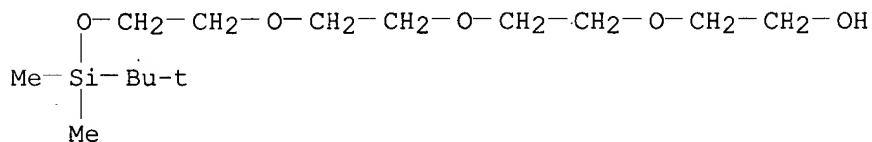
RN 52355-50-7 HCAPLUS
 CN 10-Undecen-1-ol, methanesulfonate (9CI) (CA INDEX NAME)



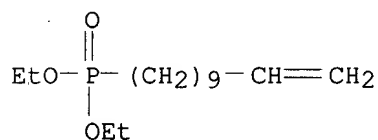
RN 83637-49-4 HCAPLUS
 CN Decanoic acid, 10-[(methanesulfonyl)oxy]- (9CI) (CA INDEX NAME)



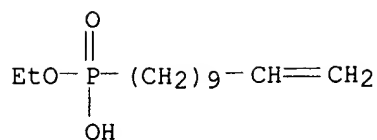
RN 134179-40-1 HCAPLUS
 CN 4,7,10,13-Tetraoxa-3-silapentadecan-15-ol, 2,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



RN 156125-40-5 HCAPLUS
 CN Phosphonic acid, 10-undecenyl-, diethyl ester (9CI) (CA INDEX NAME)

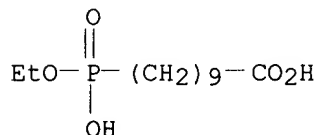


RN 259270-26-3 HCAPLUS
 CN Phosphonic acid, 10-undecenyl-, monoethyl ester (9CI) (CA INDEX NAME)

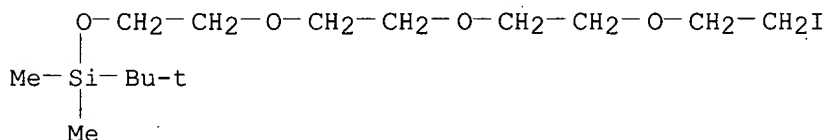


RN 259270-27-4 HCAPLUS

CN Decanoic acid, 10-(ethoxyhydroxyphosphinyl)- (9CI) (CA INDEX NAME)

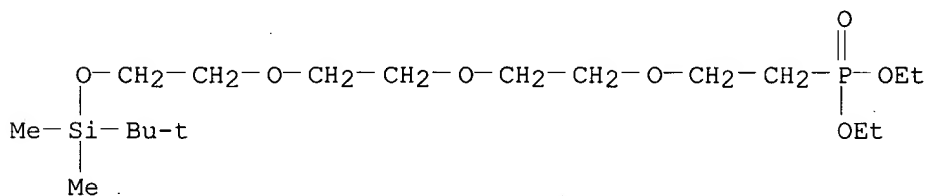


RN 338964-01-5 HCAPLUS

CN 4,7,10,13-Tetraoxa-3-silapentadecane, 15-iodo-2,2,3,3-tetramethyl- (9CI)
(CA INDEX NAME)

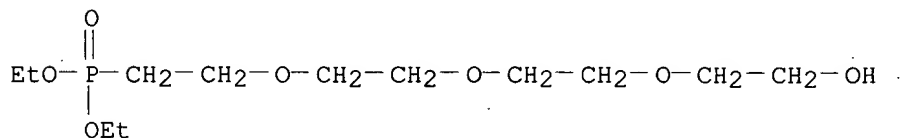
RN 338964-02-6 HCAPLUS

CN Phosphonic acid, (13,13,14,14-tetramethyl-3,6,9,12-tetraoxa-13-silapentadec-1-yl)-, diethyl ester (9CI) (CA INDEX NAME)



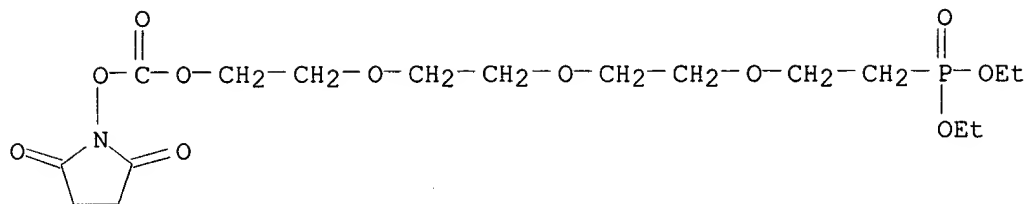
RN 338964-03-7 HCAPLUS

CN Phosphonic acid, [2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl]-, diethyl ester (9CI) (CA INDEX NAME)



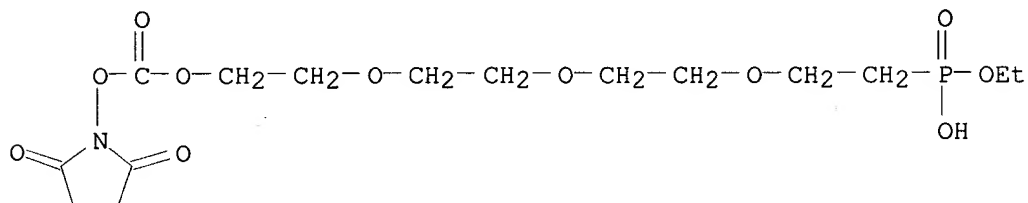
RN 338964-04-8 HCAPLUS

CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, diethyl ester (9CI) (CA INDEX NAME)



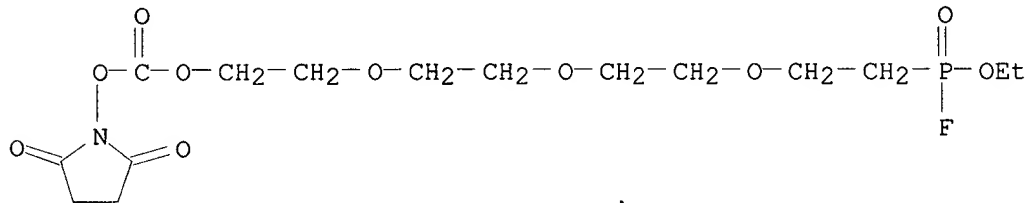
RN 338964-05-9 HCAPLUS

CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, monoethyl ester (9CI) (CA INDEX NAME)



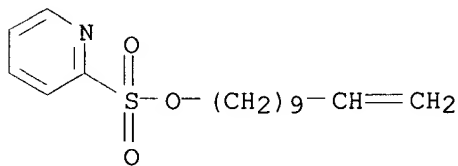
RN 338964-06-0 HCAPLUS

CN Phosphonofluoridic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)



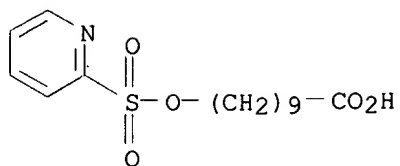
RN 342792-15-8 HCAPLUS

CN 2-Pyridinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)

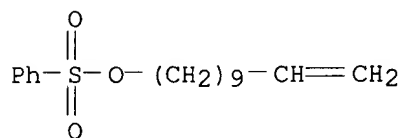


RN 342792-16-9 HCAPLUS

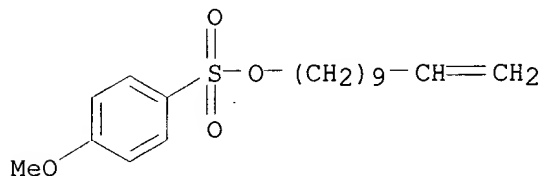
CN Decanoic acid, 10-[(2-pyridinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



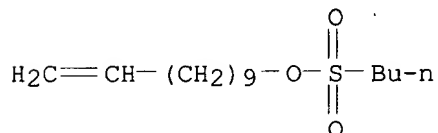
RN 367478-49-7 HCAPLUS
 CN 10-Undecen-1-ol, benzenesulfonate (9CI) (CA INDEX NAME)



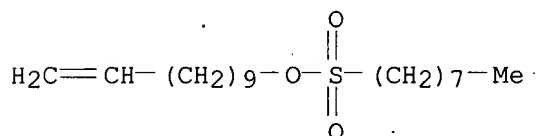
RN 367478-57-7 HCAPLUS
 CN Benzenesulfonic acid, 4-methoxy-, 10-undecenyl ester (9CI) (CA INDEX NAME)



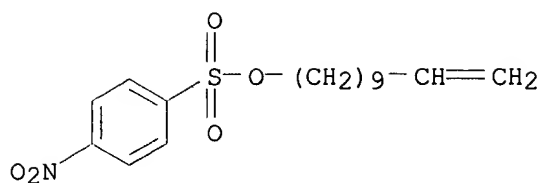
RN 367478-66-8 HCAPLUS
 CN 1-Butanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



RN 367478-71-5 HCAPLUS
 CN 1-Octanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)

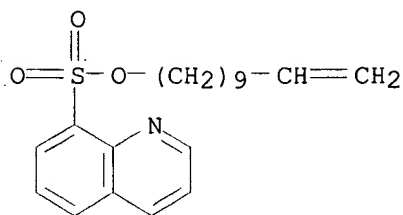


RN 367478-76-0 HCAPLUS
 CN Benzenesulfonic acid, 4-nitro-, 10-undecenyl ester (9CI) (CA INDEX NAME)



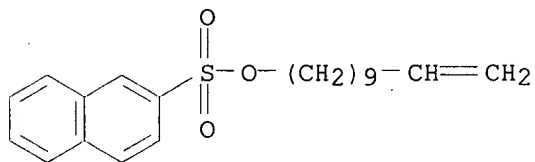
RN 367478-80-6 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



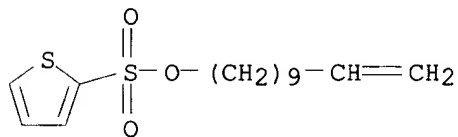
RN 367478-84-0 HCAPLUS

CN 2-Naphthalenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



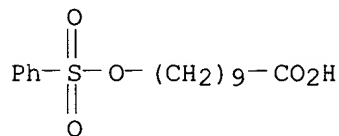
RN 367478-88-4 HCAPLUS

CN 2-Thiophenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



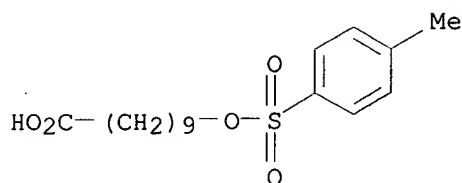
RN 367478-96-4 HCAPLUS

CN Decanoic acid, 10-[(phenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



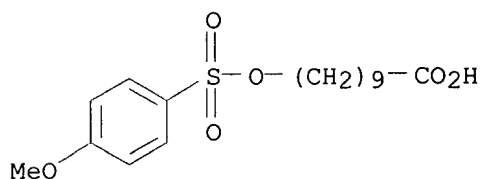
RN 367479-00-3 HCAPLUS

CN Decanoic acid, 10-[[[(4-methylphenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)



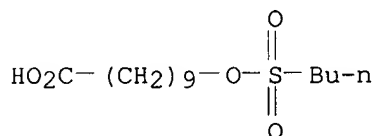
RN 367479-05-8 HCAPLUS

CN Decanoic acid, 10-[[4-methoxyphenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)



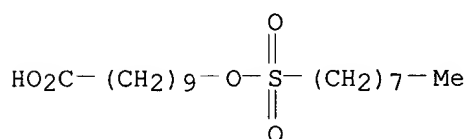
RN 367479-14-9 HCAPLUS

CN Decanoic acid, 10-[(butylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



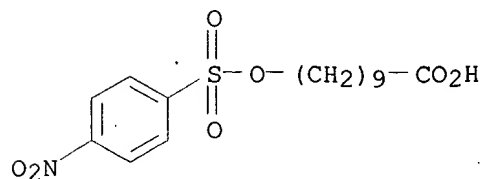
RN 367479-19-4 HCAPLUS

CN Decanoic acid, 10-[(octylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



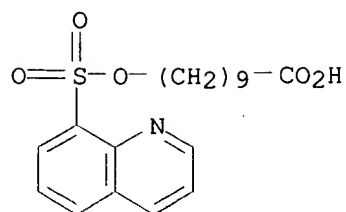
RN 367479-24-1 HCAPLUS

CN Decanoic acid, 10-[[4-nitrophenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)

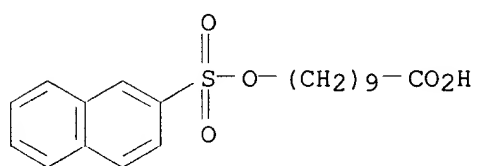


RN 367479-27-4 HCAPLUS

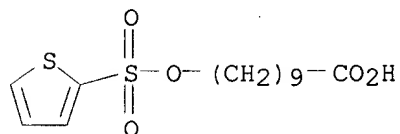
CN Decanoic acid, 10-[(8-quinolinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-31-0 HCAPLUS
 CN Decanoic acid, 10-[(2-naphthalenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-35-4 HCAPLUS
 CN Decanoic acid, 10-[(2-thienylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



IT 367944-46-5 367944-47-6 367944-48-7
 367944-49-8 367944-50-1 367944-51-2
 367944-53-4 367944-54-5 367944-55-6
 367944-57-8

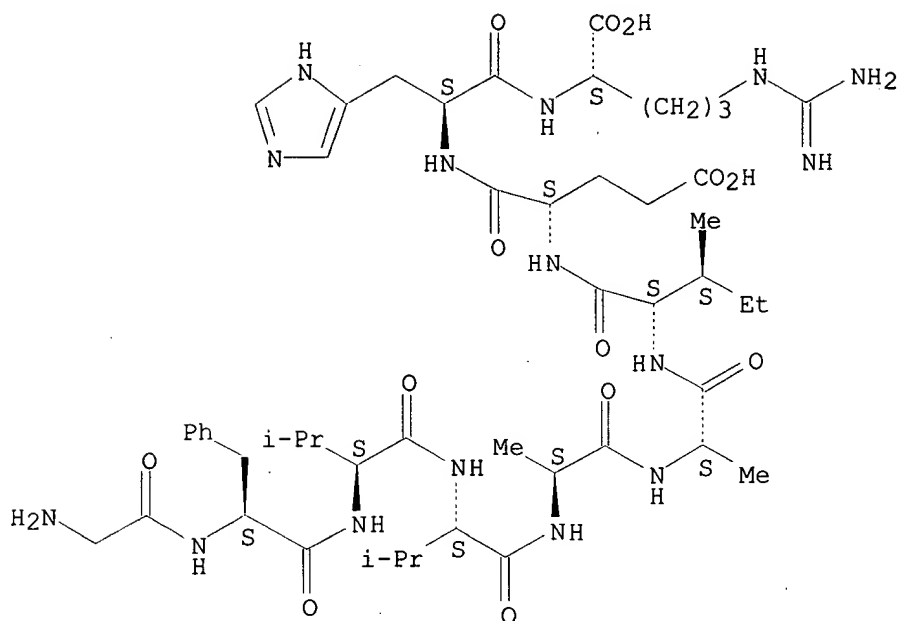
RL: PRP (Properties)

(unclaimed sequence; methods for bioactivity screening of candidate
 compds. using activity based probes)

RN 367944-46-5 HCAPLUS

CN L-Arginine, glycyl-L-phenylalanyl-L-valyl-L-valyl-L-alanyl-L-alanyl-L-
 isoleucyl-L-.alpha.-glutamyl-L-histidyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

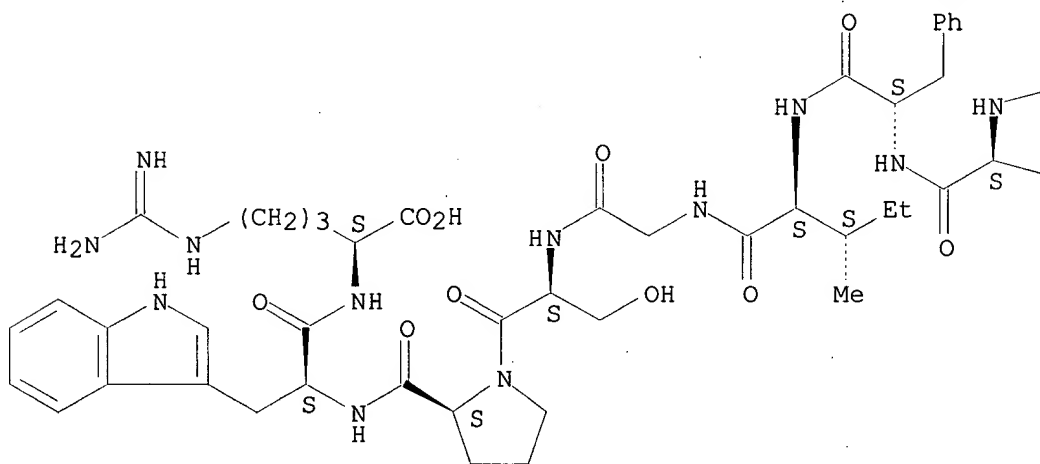


RN 367944-47-6 HCAPLUS

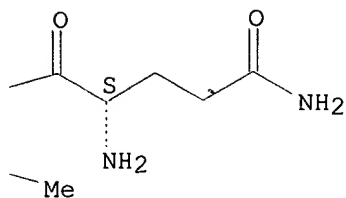
CN L-Arginine, L-glutaminyl-L-alanyl-L-phenylalanyl-L-isoleucylglycyl-L-seryl-L-prolyl-L-tryptophyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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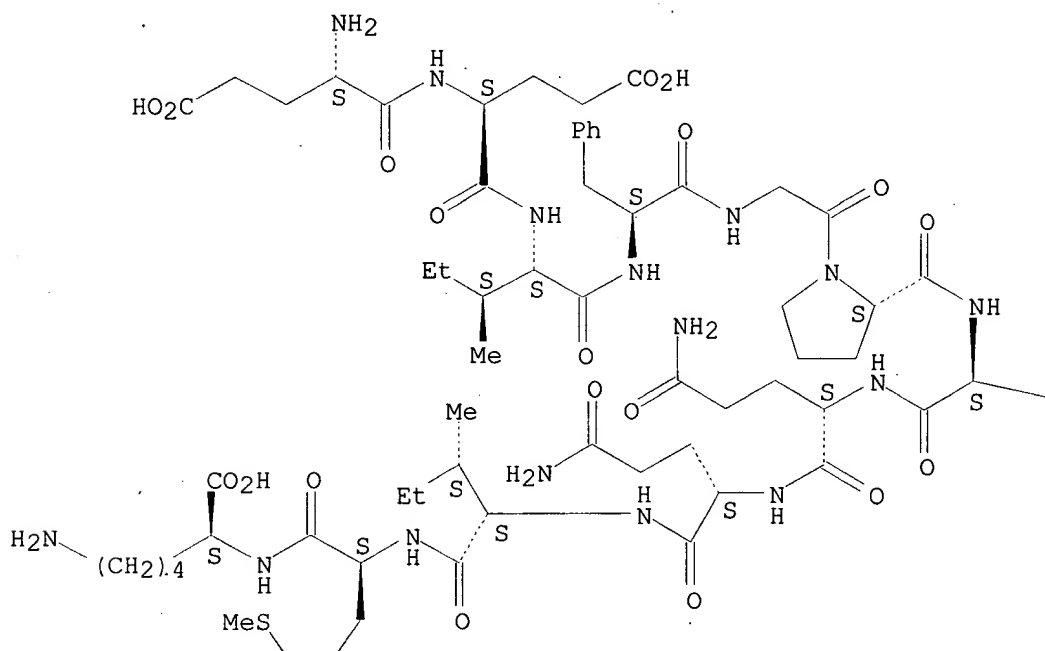


RN 367944-48-7 HCAPLUS

CN L-Lysine, L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-phenylalanylglycyl-L-prolyl-L-valyl-L-glutamyl-L-glutamyl-L-isoleucyl-L-methionyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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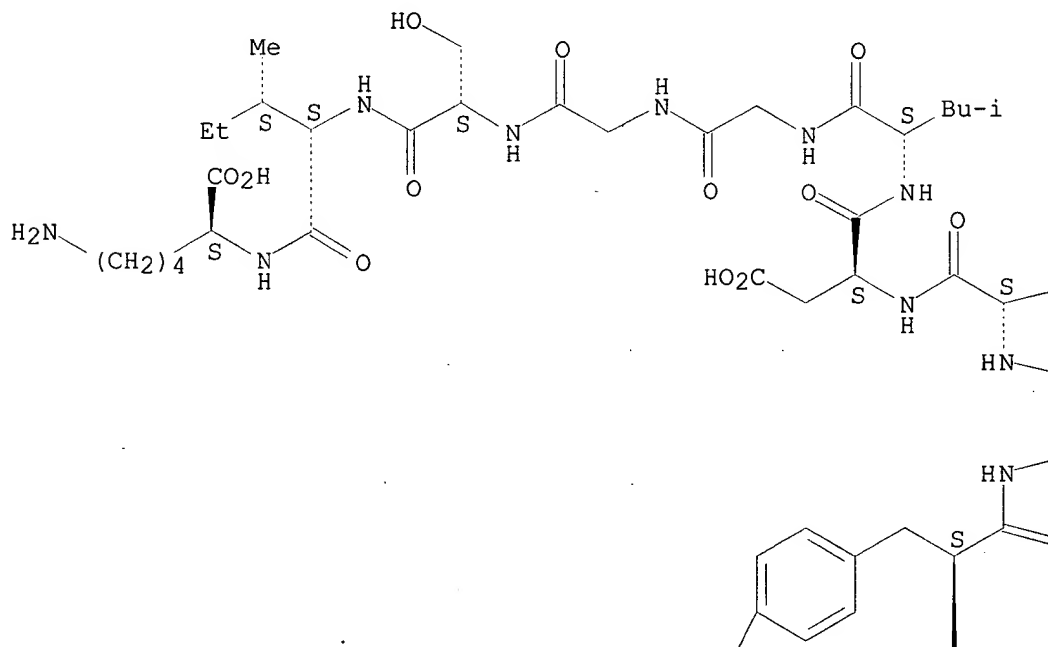
Pr-i

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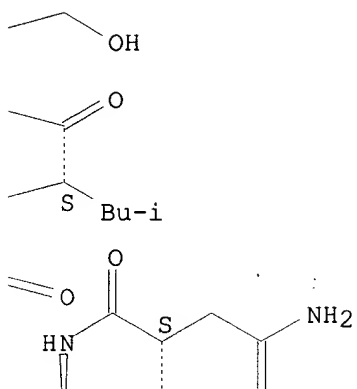
RN 367944-49-8 HCAPLUS
CN L-Lysine, L-valyl-L-phenylalanyl-L-alanyl-L-asparaginyl-L-alanyl-L-tyrosyl-
L-leucyl-L-seryl-L-.alpha.-aspartyl-L-leucylglycylglycyl-L-seryl-L-
isoleucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

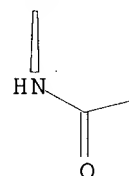
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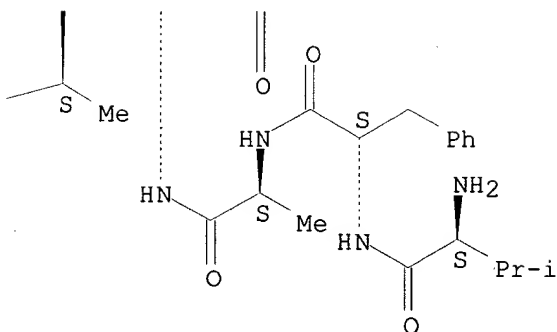
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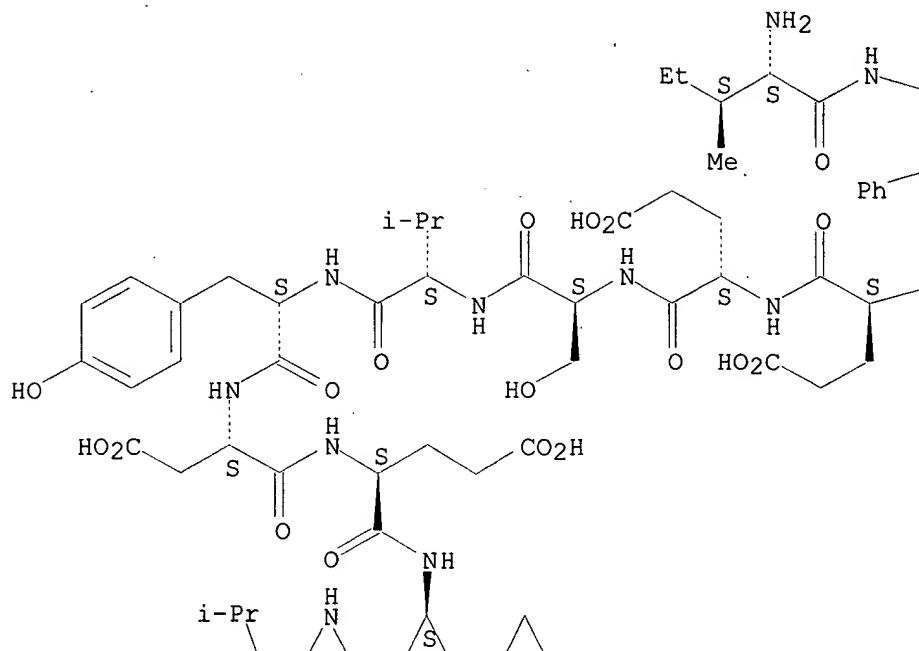
RN 367944-50-1 HCAPLUS

CN L-Arginine, L-isoleucyl-L-phenylalanyl-L-tyrosyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-seryl-L-valyl-L-tyrosyl-L-.alpha.-aspartyl-L-.alpha.-

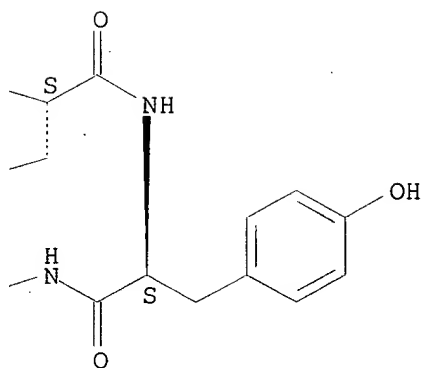
glutamyl-L-.alpha.-glutamyl-L-valyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

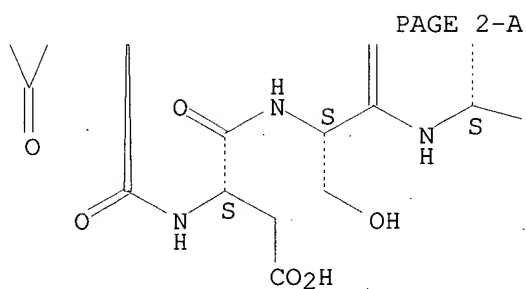
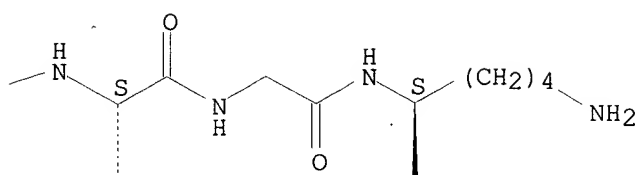
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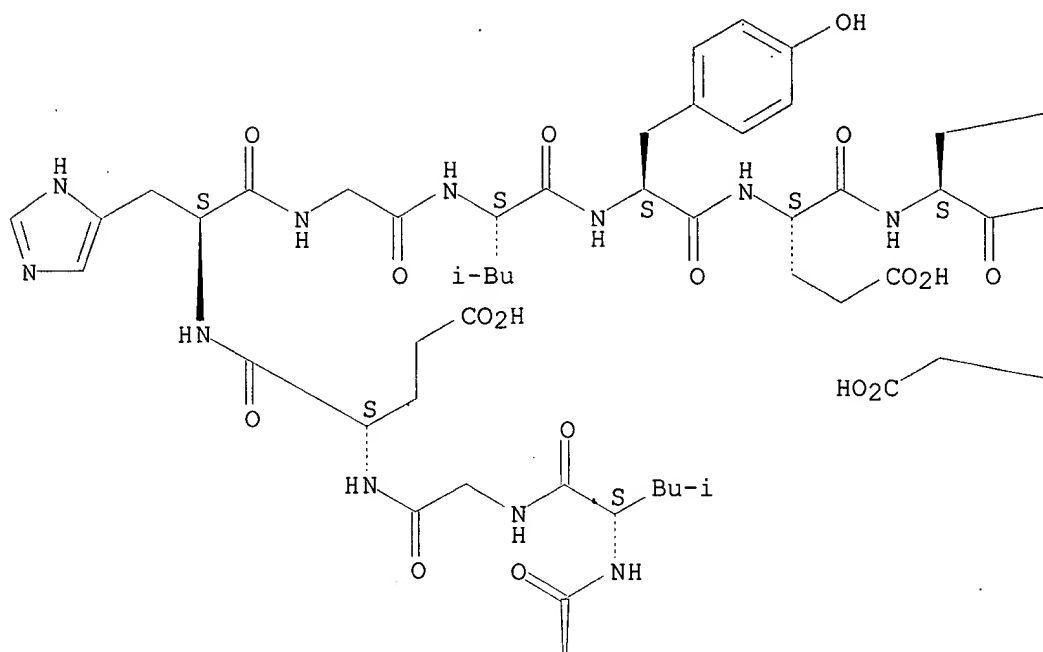
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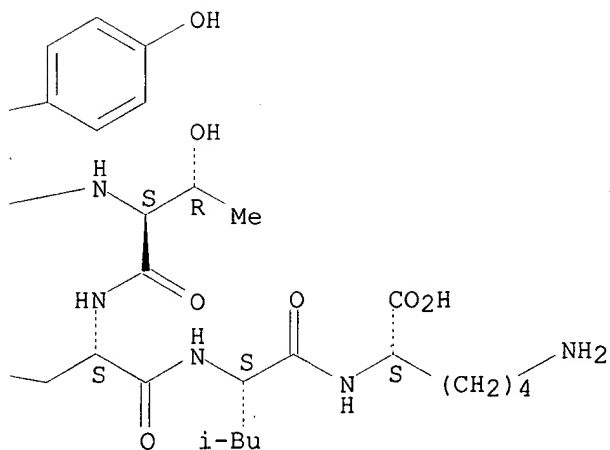
RN 367944-53-4 HCAPLUS
 CN L-Lysine, L-.alpha.-glutamyl-L-leucylglycyl-L-.alpha.-glutamyl-L-histidylglycyl-L-leucyl-L-tyrosyl-L-.alpha.-glutamyl-L-tyrosyl-L-threonyl-L-.alpha.-glutamyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

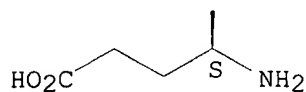
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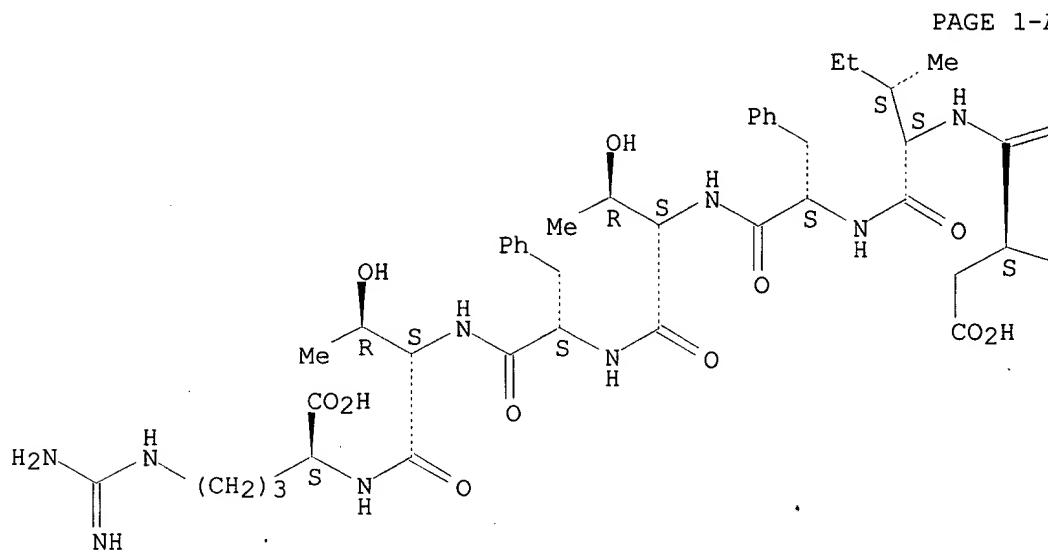
RN 367944-54-5 HCAPLUS

CN L-Arginine, L-isoleucyl-L-histidylglycyl-L-glutaminyl-L-threonyl-L-isoleucyl-L-prolyl-L-seryl-L-.alpha.-aspartylglycyl-L-.alpha.-aspartyl-L-

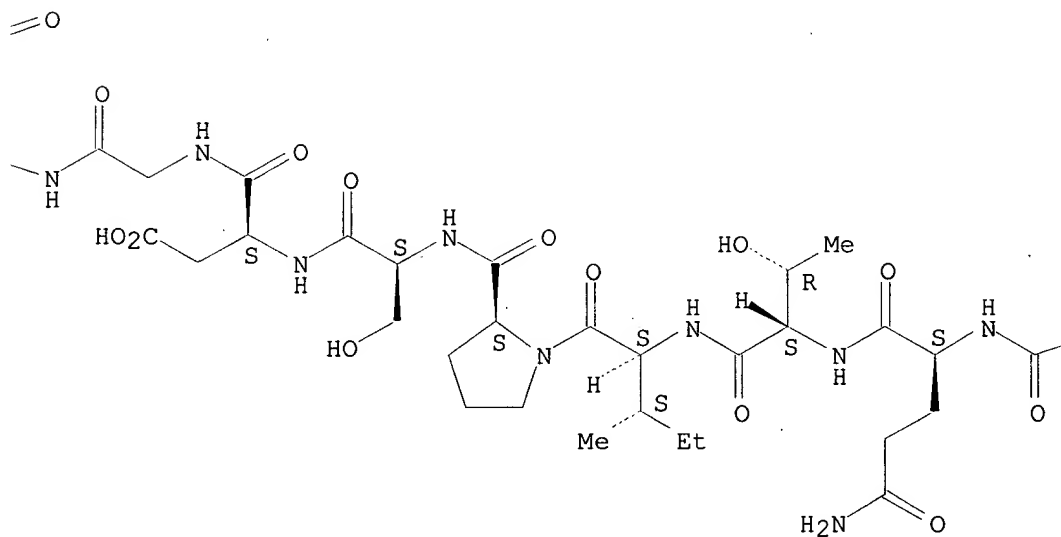
isoleucyl-L-phenylalanyl-L-threonyl-L-phenylalanyl-L-threonyl- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.

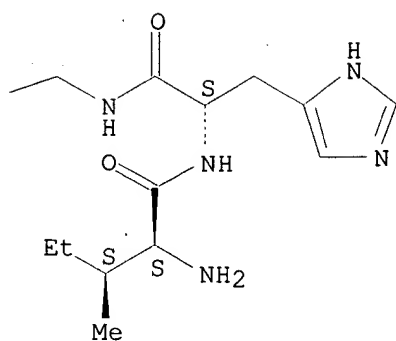
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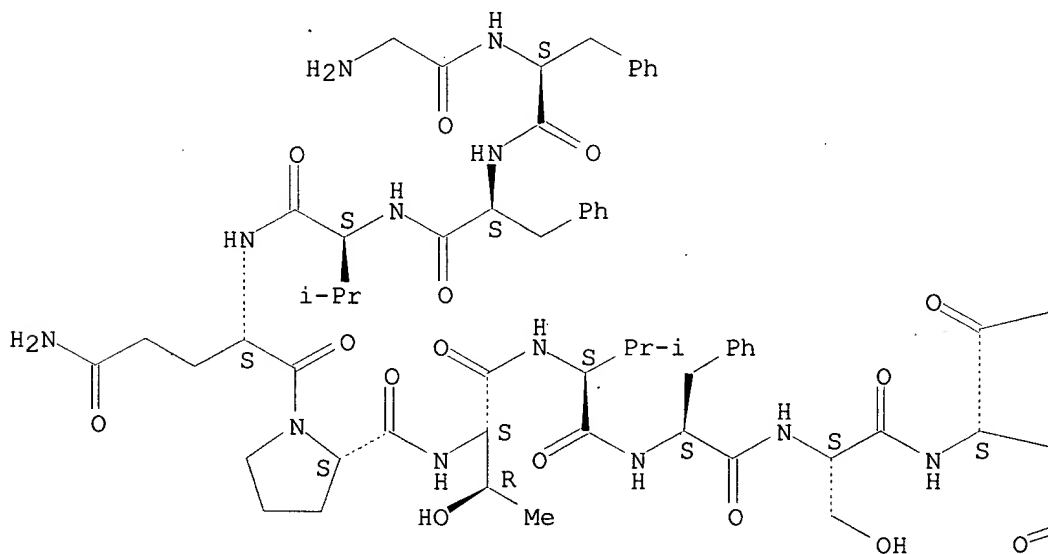


RN 367944-55-6 HCAPLUS

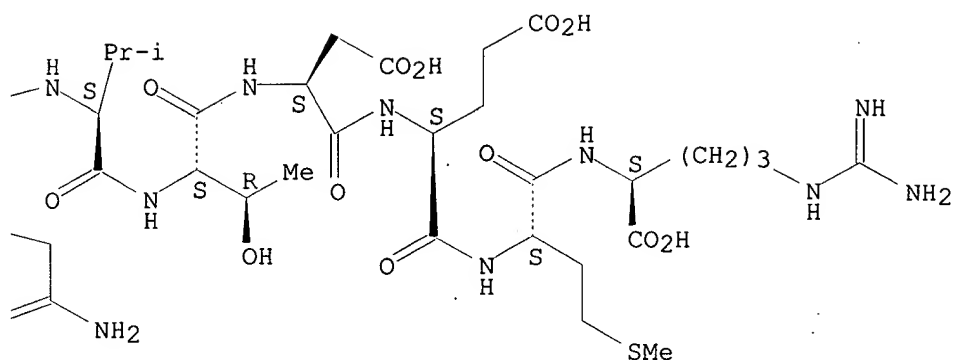
CN L-Arginine, glycyl-L-phenylalanyl-L-phenylalanyl-L-valyl-L-glutaminy-L-prolyl-L-threonyl-L-valyl-L-phenylalanyl-L-seryl-L-asparaginy-L-valyl-L-threonyl-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-methionyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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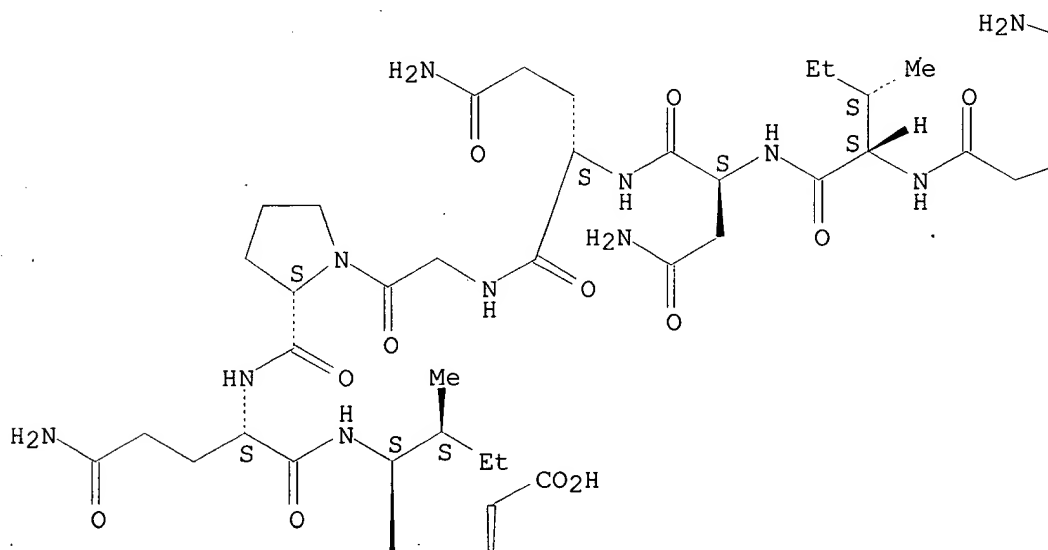


RN 367944-57-8 HCAPLUS

CN L-Lysine, L-tyrosyl-L-valyl-L-leucylglycyl-L-asparaginyl-L-prolyl-L-leucyl-L-threonyl-L-glutaminylglycyl-L-isoleucyl-L-asparaginyl-L-glutaminylglycyl-L-prolyl-L-glutaminyl-L-isoleucyl-L-.alpha.-aspartyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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=> log hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

13.58

36.19

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.30

-2.60

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 16:37:17 ON 26 AUG 2003